REMEDIAL INVESTIGATION WORK PLAN

For The Property Located At

7-17 Ludlow Street,
City of Yonkers,
Westchester County, New York

NYSDEC Brownfields Program Site: C360079

NYSDEC Spill File: 10-10142

October 2013
Revised March 2014

ESI File: WY07054.50

Prepared By:

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Prepared For:

Westhab, Inc.
8 Bashford Street
Yonkers, New York 10701

The undersigned has reviewed this Remedial Investigation Work Plan and certifies to Westhab, Inc. and to the New York State Department of Environmental Conservation (NYSDEC) that the information provided in this document is accurate as of the date of issuance by this office.

I, Paul H. Ciminello, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Paul H. Ciminello
President
QEP #08130024

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1.0 INTRODUCTION

1.1 Purpose

This Remedial Investigation Work Plan (RIWP) provides a detailed description of the actions that are proposed by Ecosystems Strategies, Inc. (ESI) to investigate the property located at 7-17 Ludlow Street, City of Yonkers, Westchester County, New York (hereafter referred to as the Site) consistent with the requirements of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). Known petroleum contamination at the site associated with a release identified in NYSDEC Spill records as Spill # 1010142 has been delineated (see Section 1.3 below). Additional investigative work is required to document the presence or absence off-site groundwater contamination as well as to document the integrity of portions of the site not previously investigated. All proposed work will be conducted according to a Site specific Health and Safety Plan (HASP), provided as Appendix D and a Community Air Monitoring Plan (CAMP), provided as Appendix E.

1.2 Site Location and Description

The property is a rectangular-shaped, approximately 0.6-acre parcel located on the northern side of Ludlow Street. A vacant two-story commercial building is located on the northeastern portion of the property and a vacant one-story commercial building is located on the north-central portion of the property. The remainder of the property is composed of paved parking and areas of overgrown vegetation.

The proposed future use of the property includes the construction of an eight-story residential structure for senior citizens in the central southern portion of the Site. The structure as currently designed will be slab on grade with no basement.

1.3 Previous Environmental Reports

A Combined Phase I/II Environmental Site Assessment (Phase I/II ESA) was performed on the property by ESI in January 2011 and a Supplementary Phase II Environmental Site Assessment (Supplementary Phase II ESA) was performed during May 2011. Previous Soil and Groundwater Data Maps are included as Figures 2 and 3, Appendix A and Previous Data Summary and Field Observation Tables are included as Appendix B. Previous Laboratory Data are included as Appendix C.

Phase I/II ESA

The Phase I/II ESA found that the subject property was likely to have been used for commercial purposes from prior to 1942 until circa 2004, including use as an on-site automotive repair shop and a taxi dispatching facility; however, the portions of the site formerly used for automotive repair purposes were inaccessible due to the presence of large quantities of debris in the buildings and were therefore not investigated. There is evidence to suggest that previous investigations had been performed at the site (e.g., the presence of a monitoring well field and indications of tank removal work) but no documentation was provided describing this work.

It was recommended that borings be extended in former automotive repair areas to document the integrity of subsurface soils in the vicinity of these historic activities.

During fieldwork activities, one of the previously installed monitoring wells (MW-C) was inspected and found to contain free phase floating petroleum product (tentatively identified in the field as gasoline). Soil borings extended in the vicinity of the monitoring well documented the presence of petroleum contaminated soil at depths between 4' and 12' below surface grade (bsg). Soil borings extended in the central and western portions of the site documented the presence of petroleum contaminated soils at the groundwater interface (between 7' and 12' bsg). Based on these site conditions, a spill event was reported to the NYSDEC and Spill Number 1010142 was assigned to the property.

The Phase I/II ESA recommended that contaminated soils in the vicinity of the central monitoring well be excavated and be properly disposed of off- site (it was estimated that ~300-500 cubic yards of such material was present). The Phase I/II ESA also recommended that additional groundwater monitoring wells be installed to document the extent of dissolved VOC contamination.

Supplementary Phase II ESA

The Supplementary Phase II ESA found no field evidence of petroleum contamination in soil borings extended inside the former automotive repair structures. Laboratory data also documented the absence of contamination in soil samples. No further investigation of the subsurface within these two on-site structures was recommended.

Groundwater sampling was performed and free product was again observed at monitoring well MW-C and 2MW-1. Elevated concentrations of VOCs were detected in monitoring well 2MW-2, located hydrologically downgradient of the locations where measureable free product had been documented. These findings support the conclusion that previously documented on-site soil contamination has contaminated on-site groundwater. The Supplementary Phase II ESA concluded that it was likely that remediation of these soils will remove the source of the groundwater contamination.

The Supplementary Phase II ESA recommended that:

- additional down-gradient monitoring wells be installed to document the lateral extent of the contaminant plume;
- on-site petroleum contaminated soils be excavated and removed from the site (it is estimated that ~300-500 cubic yards of petroleum contaminated material is present on-site);
- active groundwater treatment (injections of oxygen releasing compounds) be implemented; and,
- at least 1 year of quarterly groundwater monitoring be completed to document a downward trend in VOC concentrations within the groundwater at the Site.

Subsurface Investigation in Area of Disturbed Ground

Eleven test pits were extended on May 9, 2012 in an area of disturbed ground that that been the location of a former on-site structure in the southeastern portion of the site. The purpose of the investigation was to document the presence or absence of regulated material in the subsurface (debris and/or field evidence of contamination). Test pits were extended using a standard back hoe to a maximum depth of 10' bsg where native, undisturbed soils were encountered.

Soils encountered during the extension of test pits generally consisted of medium reddish brown soil with brick and concrete fragments. A stone foundation wall was encountered at six feet below grade at the far western portion of the site. No evidence of regulated materials or field evidence of contamination was encountered during the extension of test pits. In the absence of field evidence of contamination, no soil samples were collected and no further investigation was recommended.

Known Environmental Conditions Warranting Remediation

Petroleum-contaminated soil is present at the Site from the surface to approximately 12 feet below grade in a limited area in the center of the site (the location of a former gasoline tank). To the west and south of this area, contamination is present at the groundwater interface (10-13 feet below surface grade) although total hydrocarbon concentrations decrease. The total volume of soil at levels warranting response is estimated at between 300 and 500 cubic yards.

Petroleum contaminated groundwater is present at the Site. Free product has been measured at monitoring wells in the center of the site (the location of the former gasoline tank). The direction of groundwater flow is to the southwest and petroleum contaminated groundwater has been documented at an on-site down gradient monitoring well and up gradient wells are free of evidence of contamination. These findings support the conclusion that the petroleum contaminated soils on-site are the source of groundwater contamination and that remediation of these soils will serve to mitigate petroleum impacts to groundwater.

In addition to these conditions of concern, entry into the NYSDEC Brownfields program in the summer of 2013 requires investigation for parameters and analytes required by the Brownfield's Program. This RIWP describes protocols for that work.

2.0 REMEDIAL INVESTIGATION WORK PLAN

This RIWP details activities proposed by ESI to further characterize the Site so that a comprehensive assessment of Site conditions, as required by the NYSDEC BCP guidelines, is completed. Previous investigations will be supplemented by the work described below to complete a site characterization in compliance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010. Specifically this investigation will be completed in order to characterize the following:

- Analysis of on-site surface and subsurface soils and groundwater to provide the full set of requested analytes (e.g., full TCL or TCL VOCs, SVOCs and TAL metals);
- On-site soil gas for VOCs; and,
- Off-site groundwater for VOCs.

A Proposed Fieldwork Map depicting relevant Site features, conditions of concern, and areas of proposed investigative activities, is provided as Figure 4 in Appendix A. All proposed work will be conducted according to a site-specific Health and Safety Plan (HASP), provided as Appendix D.

For the purpose of the work detailed in this RIWP, the "Client" is defined as Westhab, Inc., who will contract with the environmental consultant and/or remediation firm (hereafter referred to as the On-site Coordinator [OSC]) to provide the services detailed below.

2.1 Overview of Proposed Investigative Services

The proposed investigative services described in detail in subsequent sections of this RIWP consist of the following:

1. GPR survey of the entire site (2.2.2);
2. Initiation of air monitoring during ground intrusive activities (Section 2.3.1);
3. Collection of thirteen (13) on-site surface soil samples (Section 2.3.2) to document on-site surface soil conditions;
4. Extension of thirteen (13) on-site soil borings and a test pit to document on-site subsurface soil conditions (Section 2.3.2);
5. The installation of one (1) off-site groundwater monitoring well and the completion of one (1) on-site boring as a groundwater monitoring wells; sampling of the wells, and all existing on-site wells, to document groundwater quality (Section 2.3.3);
6. The extension of two (2) on-site soil vapor points and sampling of the vapor points to document soil vapor integrity; and,
7. The preparation of a Remedial Investigation Report for the Client and the NYSDEC (Section 2.3.4).

Prior to, or in conjunction with, the initiation of these actions (see Section 2.3), the tasks detailed in Section 2.2, below, will also be conducted.

2.2 Proposed Site Preparation Services

This section of the RIWP provides details of activities and services necessary to be initiated and/or completed prior to the implementation of Site remediation services.

2.2.1 Agency Notification

The NYSDEC will be notified in writing at least five (5) business days prior to the start of fieldwork. Notification of subsequent field activities will be in accordance with reasonable business practice, with verbal notification for immediate (within 48 hours) activities and written notification otherwise. Written notifications will be transmitted to the NYSDEC via facsimile or electronic mail.

2.2.2 Utility Markout

Prior to the implementation of any of the investigative tasks outlined in Section 2.3, below, a request for a complete utility markout of the Site will be submitted as required by New York State Department of Labor regulations. Confirmation of underground utility locations will be secured, a field check of the utility markout will be conducted prior to the initiation of work.

2.2.3 Completion of GPR

A Ground Penetrating Radar (GPR) survey will be conducted on all portions of the Site not covered by a structure. The GPR survey will be of sufficient density to document the presence or absence of small subgrade structures, including tanks. All field notations will be provided to ESI and to the NYSDEC prior to the extension of borings and may be used to relocate borings should the information so indicate. Results will also be recorded in Site maps for inclusion in the Remedial Investigation Report.

2.2.4 Quality Assurance / Quality Control

Equipment

A photo-ionization detector (PID) will be utilized to screen encountered materials for the presence of volatile vapors. The PID will be calibrated at the onset of each workday, and a written calibration log will be maintained for this project. The PID will be calibrated to read parts per million gas equivalents of isobutylene in accordance with protocols set forth by the equipment manufacturer.

Laboratory

All samples will be collected in accordance with applicable NYSDEC guidelines and will be submitted to a New York State Department of Health (NYSDOH) ELAP-certified laboratory using appropriate chain of custody procedures. Dedicated, laboratory supplied containers will be used for sample collection. Field personnel will maintain all samples at cold temperatures, as necessary, and complete all chain of custody forms.

Laboratory reports will include detailed Quality Assurance/Quality Control (QA/QC) analyses, which will be provided in the final Remedial Investigation Report (see Section 2.3.4, below). In addition, a Data Usability Summary Report (DUSR) will be prepared by a third, independent party, which maintains NYSDOH ELAP CLP Certification.

Samples

One QA/QC sample for every 20 samples (or one per week) will be duplicated by ESI. One in 20 samples will also be submitted for Matrix Spike (MS) and Matrix Spike Duplicate (MSD) analysis.

One rinse blank will be prepared for each non-dedicated piece of sampling equipment for every 20 analytical samples collected using that piece of equipment. For each day of sampling, a trip blank will be included with each sample cooler.

2.2.5 Subcontractor Coordination

Subcontractors will perform requested services under the direct supervision of the OSC. Prior to the initiation of fieldwork, all subcontractors will be notified of the components of the Health and Safety Plan (see 2.2.5, below). All necessary insurance certificates will be secured from subcontractors by the Client and/or by the OSC. At this time, the following subcontractors are anticipated to be used on this project:

- GPR
- Driller
- Analytical Laboratory
- Excavator
- Data Validator

2.2.6 Health and Safety Plan

The site-specific HASP will be reviewed with on-site personnel (including subcontractors) prior to the initiation of fieldwork. All proposed work will be performed in "Level D" personal protective equipment; however, all on-site field personnel will be prepared to continue services wearing more protective levels of equipment should field conditions warrant. See Appendix D for a copy of the site-specific HASP.

2.3 Proposed Specific Remediation Services

This section of the RIWP provides a detailed description of the investigative tasks that will be conducted at the Site.

2.3.1 Community Air Monitoring

A Community Air Monitoring Plan (CAMP) will be initiated during all ground intrusive activities. The implementation of the CAMP will document the presence or absence of specific compounds in the air surrounding the work zone, which may migrate off-site due to fieldwork activities. This plan provides guidance on the need for implementing more stringent dust and emission controls based on air quality data. Air monitoring will be conducted for VOCs and for dust. See Appendix E for a copy of the CAMP.

2.3.2 Soil Assessment

2.3.2.1 Soil Borings and Test Pit

Soil Borings

A total of thirteen soil borings will be extended on-site, with additional "step out" borings extended if field evidence of contamination warrants such work. Borings will be extended using mechanized equipment (or hand-held boring equipment in the buildings, as necessary). Fifty percent of borings (i.e. 6 borings) will be extended to 20' bsg or until refusal. All other borings (i.e. 7 borings) will be extended to one sample interval below the groundwater interface, or until refusal is reached. Boring equipment will be capable of collecting soil cores at discreet intervals and will utilize either disposable acetate sleeves or properly decontaminated split spoons to prevent cross contamination. All equipment will be properly decontaminated according to NYSDEC guidelines. Based on field conditions, additional borings may be extended.

Test Pit

A test pit will be extended on the site at the location in the central portion of the site where previously extended borings had encountered shallow refusals as specified on the Proposed Fieldwork Map (Figure 4, Appendix A). Additional test pits may be extended on the Site, based on the findings of the GPR survey.

Each test pit will be extended using a standard backhoe to a maximum depth of 10' below grade or until groundwater is reached (groundwater is likely to be encountered at approximately 8' feet below surface grade).

Soil generated during the excavation of test pits will be re-interred. If obvious contamination is encountered, such soils will be stockpiled on 6-mil plastic for off-site disposal (should laboratory results indicate on-site disposal is inappropriate).

The exact locations of all soil borings and the test pit will be determined in the field based on the location of on-site utilities. Boring and test pit locations will be measured to the nearest 0.5-foot relative to a permanent fixed on-site marker, and will be recorded in logbooks for inclusion in all final maps. Anticipated boring locations are depicted on the Proposed Fieldwork Map (Figure 4, Appendix A).

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) will be made by the OSC during all Site investigative work.

The OSC will be responsible for identifying any soils which, in the opinion of the OSC, may contain elevated concentrations of contaminants and should, therefore, require special handling. Those soils identified by the OSC will be containerized for characterization and proper disposition. These containers will be stored at the Site until properly disposed of. The OSC will ensure that any unforeseen environmental conditions are managed in accordance with applicable federal and state regulations.

2.3.2.2 Soil Sampling

One soil sample will be collected from each on-site soil boring from the interval with peak field evidence of contamination. (If no field evidence of contamination is encountered, the sample will be collected from the groundwater interface (if encountered) or the mid-point of the soil boring. One surface soil sample co-located with the boring prior to the initiation of drilling. Additional soil samples may be collected if field evidence suggests contamination at other strata.

All encountered soils will be properly characterized in the field and findings will be recorded in logbooks. Material selected for sampling will be obtained in a manner consistent with NYSDEC sample collection protocols. Decontaminated stainless steel trowels and dedicated gloves will be used at each sample location to place the material into laboratory-supplied glassware. Prior to and after the collection of each material sample, the sample collection instrument will be properly decontaminated to avoid cross-contamination between samples.

2.3.2.3 Soil Analysis

Soil samples will be analyzed as follows:

Sample	Number of Samples	Full TCL (VOCs, SVOCs, TAL Metals, PCBs, Pesticides)	TCL VOCs, SVOCs and TAL Metals
At peak contamination	13	5	8
At surface (0-2")	13	5	8
Total	26	10	16

2.3.3 Groundwater Assessment

One off-site groundwater monitoring well will be installed in the sidewalk southwest of the project site. One on-site monitoring well will be installed up gradient of the area of known petroleum contamination. The approximate locations of the proposed new wells are shown on the Proposed Fieldwork Map (Figure 4, Appendix A). The new wells and all existing on-site wells will be sampled. Protocols for well installation, well development, and sample collection and laboratory submission are detailed below.

2.3.3.1 Installation of Monitoring Well

One off-site borehole will be extended in the sidewalk north of Ludlow Street opposite the western end of the Site using truck-mounted equipment and be completed as a two-inch diameter groundwater monitoring well. In addition, one borehole located in the vicinity of the former pump island for the gasoline tank will also be completed as a groundwater monitoring well. At this time it is anticipated that the wells will be extended from 25 to 35 feet bsg. Any overtly contaminated soil exposed during boring operations will be tested and handled as per protocols discussed in Section 2.3.2, above.

- The wells will be constructed of two-inch PVC casing with a ten foot length of 0.01-inch slotted PVC well screening across the water table. No glue will be used to thread the casing lengths. The wells will be constructed such that a minimum of 2.0 foot of screening will extend above the water table; approximately 8.0 feet of screening will extend below the water level.

- The annular space between the well screen and the borehole will be backfilled with clean #1 silica sand to a depth of one to two feet above the well screen. A one-foot thick bentonite seal will be poured down the borehole above the sand pack and allowed to hydrate before grouting the remaining annular space with cement.

- A locked cap with vent will be installed at the top of the PVC riser and the well will be protected by a secure "drive-over" metal cover. The elevation of the top of the PVC well riser will be determined relative to a permanent on-site marker using a surveyor's transit. Monitoring well location and relative elevation will be recorded in field logs and indicated on all fieldwork maps.

2.3.3.2 Monitoring Well Development

The wells will be developed one week following installation. The wells will be developed with a properly decontaminated mechanical pump and dedicated polyethylene tubing in order to clear fine-grained material that may have settled around the well screen and to enhance the natural hydraulic connection between the well screen and the surrounding soils. Well development will

begin at the top of the saturated portion of the screened interval to prevent clogging of the pump within the well casing. The wells will be developed until the discharge water is free of sediment and the indicator parameters (pH, temperature, turbidity, dissolved oxygen, and specific conductivity) have stabilized. Well development will be discontinued when the turbidity of the discharged water is below 50 NTUs and the other parameters have stabilized. Upon completion, the pump assembly will be removed from the well while the pump is still running to avoid discharge of purged water back into the well. All development water will be stored on-site pending the analytical results of groundwater sampling.

2.3.3.3 Monitoring Well Sampling

All existing wells and the newly wells will be sampled using the USEPA Low Flow method.

Sampling will be conducted using the following protocol:

- Basic climatological data (e.g., temperature, precipitation, etc.) and all field observations will be recorded in the field logbook. Groundwater sampling will begin at the potentially least contaminated well (as determined from well location and/or previous data) and proceed to the potentially most contaminated well. New latex gloves will be worn by the sampler at each well location.

- The protective casing on the well will be unlocked, the air in the well head will be screened with the PID, and the static water level (relative to the top of the casing) will be measured with a decontaminated water-level meter. A submergible pump and Teflon or Teflon-lined polyethylene tubing (or equivalent equipment) will be slowly lowered until reaching two to three feet off of the bottom to prevent disturbance and re-suspension of any sediment present in the bottom of the well.

- The water level will be measured before the pump is started, the well will be pumped at a rate of 200 to 500 milliliters per minute, and the water level will be measured approximately every three to five minutes to ensure that stabilization (drawdown of 0.3' or less) is achieved.

- During pumping, field indicator parameters (turbidity, temperature, specific conductance, pH, redox potential, and dissolved oxygen) will be monitored and recorded approximately every three to five minutes. The well will be considered stabilized when the indicator parameters have stabilized for three consecutive readings.

- All groundwater samples will be collected in a manner consistent with NYSDEC sample collection protocols. Each groundwater sample will be placed into, appropriately labeled, containers provided by the laboratory. All samples will be maintained at appropriate cold temperatures.

- The protective cap on the well will be replaced and locked following sampling, and the field sampling crew will move to the next most contaminated well and the process will be repeated.

2.3.3.4 Analysis of Groundwater Samples

All samples will be accompanied by proper chain of custody documentation and sample information will be recorded in the field logbook. Groundwater samples will be submitted for laboratory analysis of VOCs (USEPA Method 8260), SVOCs (USEPA Method 8270), TAL metals (various USEPA Methods), pesticides (USEPA Method 8081), and PCBs (USEPA Method 8082).

2.3.3.5 Groundwater Flow Calculations

The direction of groundwater flow will be determined based on elevations of static groundwater as measured at all wells, measured prior to water quality sample collection. Measurements will be collected with an electronic depth meter with an accuracy of measuring depth to the nearest 0.01 foot. Data will be recorded in field logs for use in updating the Direction of Groundwater Flow Map in the Remedial Investigation Report.

2.3.4 Soil Vapor Sampling

Soil vapor screening will be conducted at two locations; one sample each within the footprints of the two on-site foundations. A tracer gas (e.g., helium) will be used at all soil vapor sampling locations to verify that adequate sampling techniques are being implemented (i.e. to verify the absence of significant infiltration of outside air), in accordance with methodology specified in the NYSDOH's Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). Real-time sampling equipment will be used to verify the seal. If helium is detected at a concentration greater than 10%, the annular seal will be fixed and traced gas performed again until less than 10% helium is detected. All proposed sampling locations are identified on Figure 4, figure A.

2.3.4.1 Sampling Methodology

In the northeast building which has an unfinished floor (no slab) a soil boring will be extended at least six feet below grade. In the central northern building, which has a slab, a subslab vapor sample will be collected and the sample point will only be advanced 2"-3" below the slab. Sample tubing (0.188 inch inner diameter Teflon) will be inserted into the boring, which will be partially filled with clean well sand. The remaining aperture will be sealed off with a non-VOC containing material to prevent surface air from entering the system. Air in the Teflon tubing will be screened for VOCs prior to purging.

For all sampling locations, the exact purge volume will be dependent on the boring depth and subsequent length of tubing. Three borehole and tubing volumes will be purged prior to collection. The purge rate will not exceed 0.2 liters per minute. If warranted, purge gas will be discharged outside of the building, via plastic tubing.

Following purging of ambient air from the collection device, soil gas samples will be collected over a two-hour period (at a rate not exceeding 0.2 liters per minute) into individual laboratory-certified clean Summa canisters equipped with two-hour flow regulators.

2.3.4.2 Sample Submission

Samples will be submitted for laboratory analysis of VOCs via USEPA method TO-15. The reporting limit for the soil vapor/sub slab vapor samples will be not more than $1ug/m^3$.). Category B deliverables will be submitted for confirmatory and final delineation samples. In addition, a Data Usability Summary Report (DUSR) will be prepared by a third, independent party, which maintains NYSDOH ELAP CLP Certification.

2.3.5 Documentation of Environmental Conditions

A final Remedial Investigation Report (RIR) will be prepared at the completion of all fieldwork services in order to document environmental conditions. This RIR will document the extension of soil borings and the installation of the groundwater well; the analysis of groundwater and soil samples; any wastes requiring special handling; and, will include applicable laboratory reports and maps illustrating investigative activities. The RIR will be completed and submitted per the requirements of NYSDEC DER-10 and submitted to the NYSDEC after completion of all investigative activities.

3.0 PROJECT SCHEDULE

The following schedule is anticipated for this project:

Week	Task
0	NYSDEC approval of the RIWP
1	Utility markout (may include supplemental private markout, if warranted)
	Selection of driller; secure insurance
	NYSDEC notification of fieldwork
2	Installation of borings; collection of soil samples
	Completion of monitoring wells
3	Well development; collection of groundwater samples
	Documentation of groundwater elevation
4-6	Analysis of soil and groundwater samples
6-10	Preparation of RIR; submission to the NYSDEC (if appropriate, preparation of Remedial Alternatives Report and Remedial Work Plan; submission to the NYSDEC)

APPENDIX A

Maps

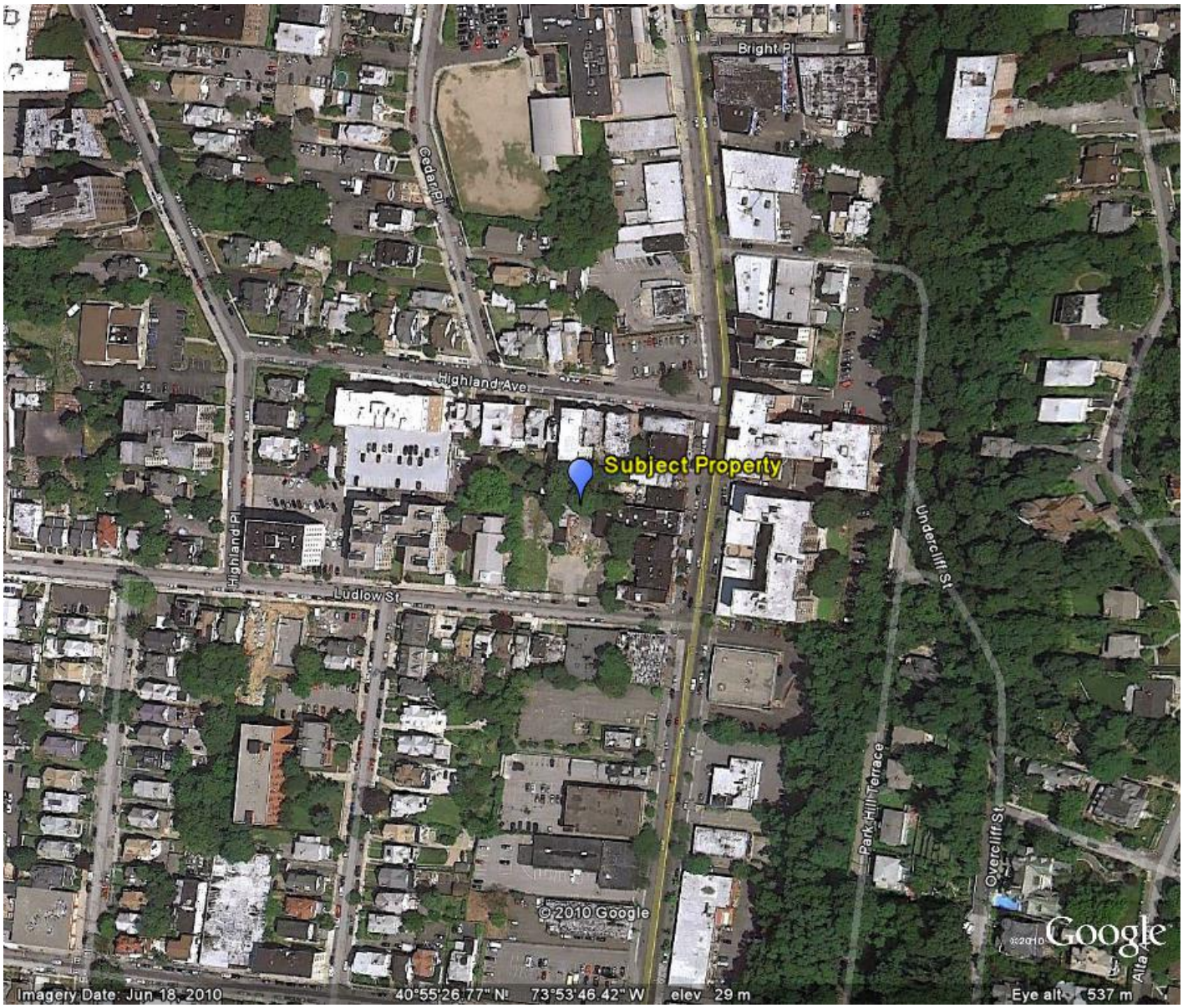

Figure 1
Site Location Map
7-17 Ludlow Street
City of Yonkers
Westchester County, New York

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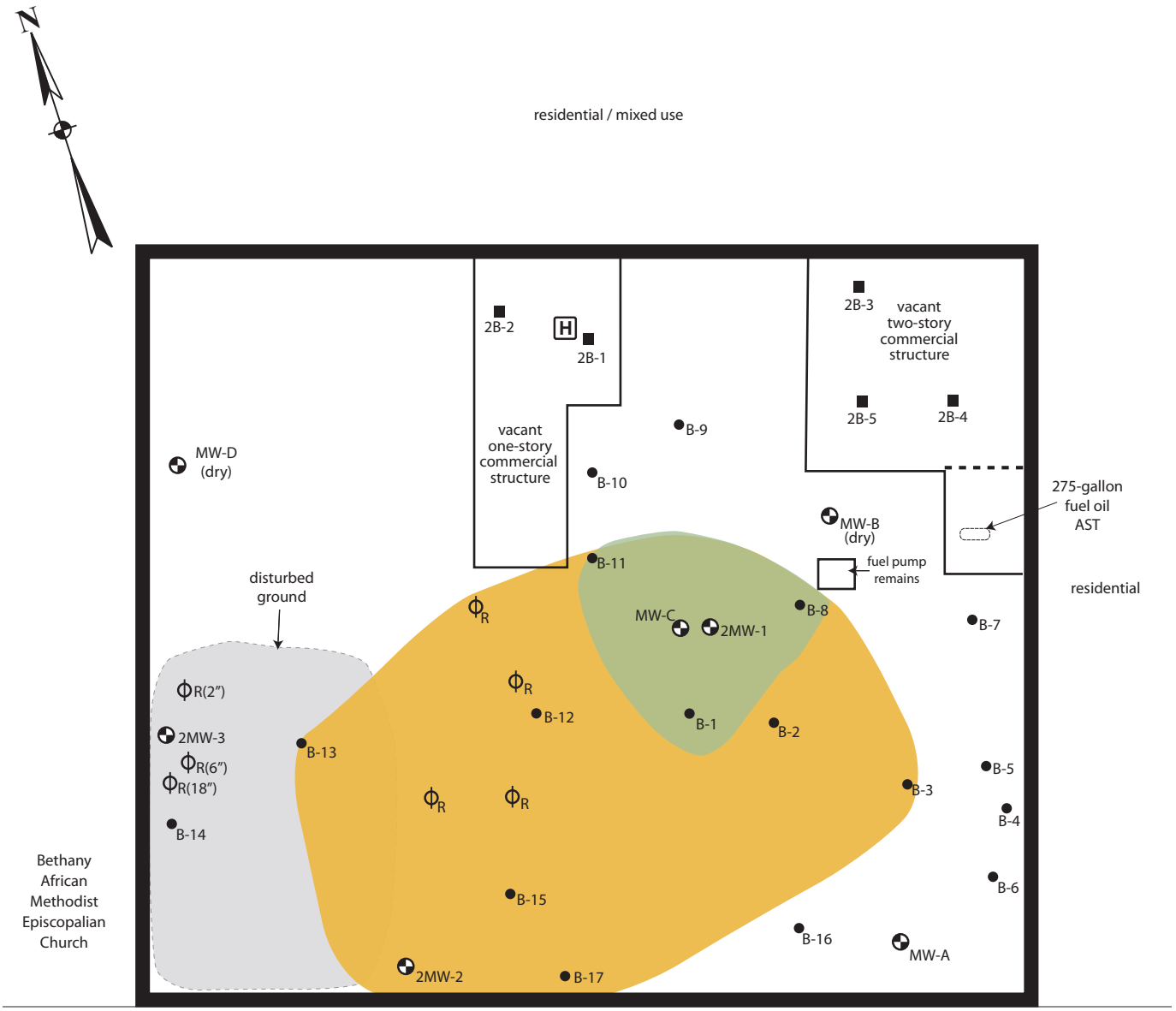
ESI File: WY07054.50

March 2014

Appendix A

Ecosystems Strategies, Inc.



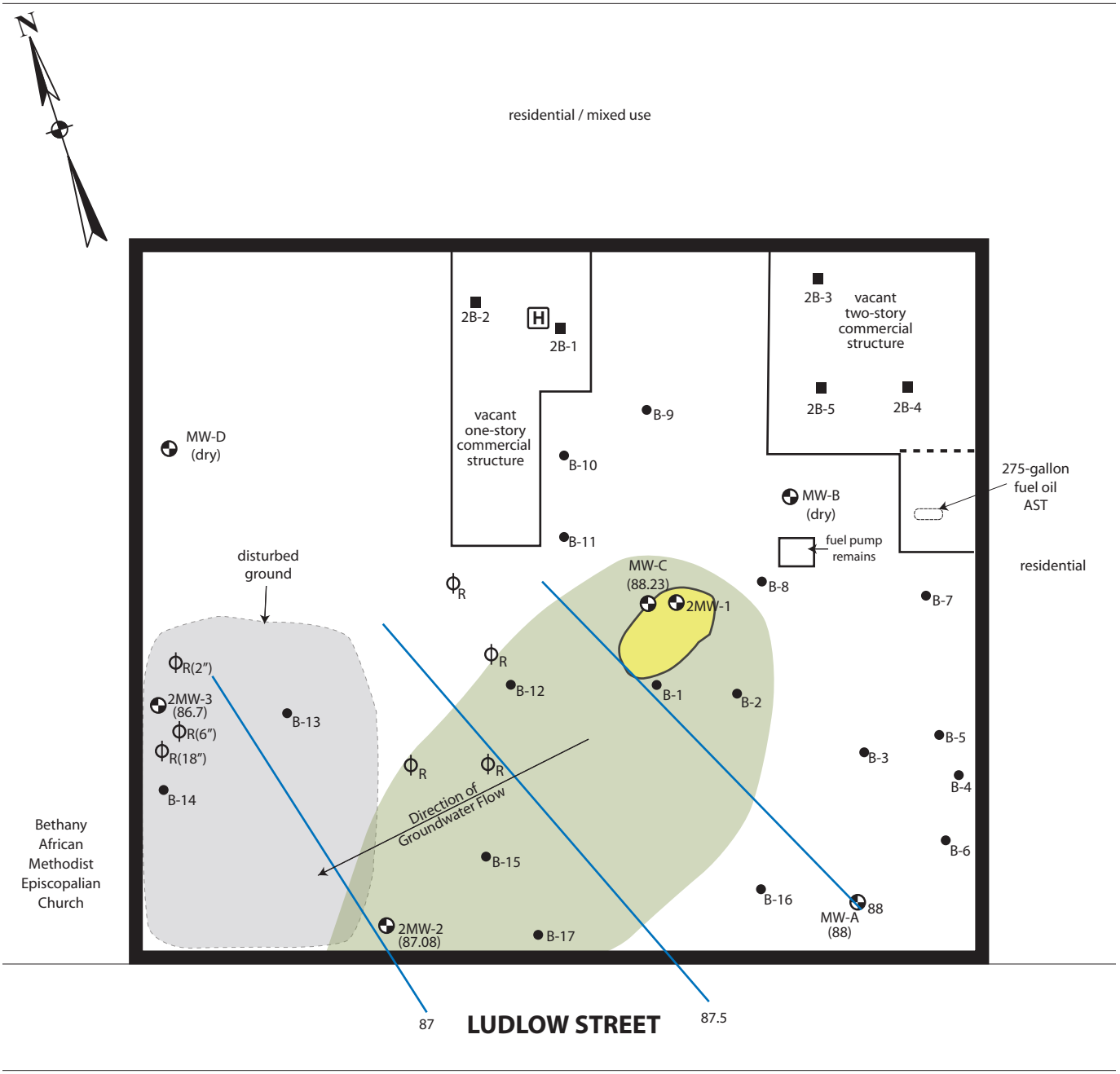
All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 2
Previous Soil Data Map
7-17 Ludlow Street
City of Yonkers
Westchester County, New York

Legend:
- subject property border
- monitoring wells
- previous sample location
- ΦR refusal
- sample location
- H hydraulic lift
- area of petroleum contamination at groundwater interface
- area of petroleum contaminated soil from 4' to 12'

ESI File: WY07054.50
October 2013
Scale: 1" = 30' approximately
Appendix A

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 3
Previous Groundwater Data Map

7-17 Ludlow Street
City of Yonkers
Westchester County, New York

Legend:
- subject property border
- monitoring wells
- previous sample location
- ΦR refusal
- sample location
- H hydraulic lift
- contour lines
- estimated dimension of dissolved petroleum above guidance levels
- estimated dimension of free product

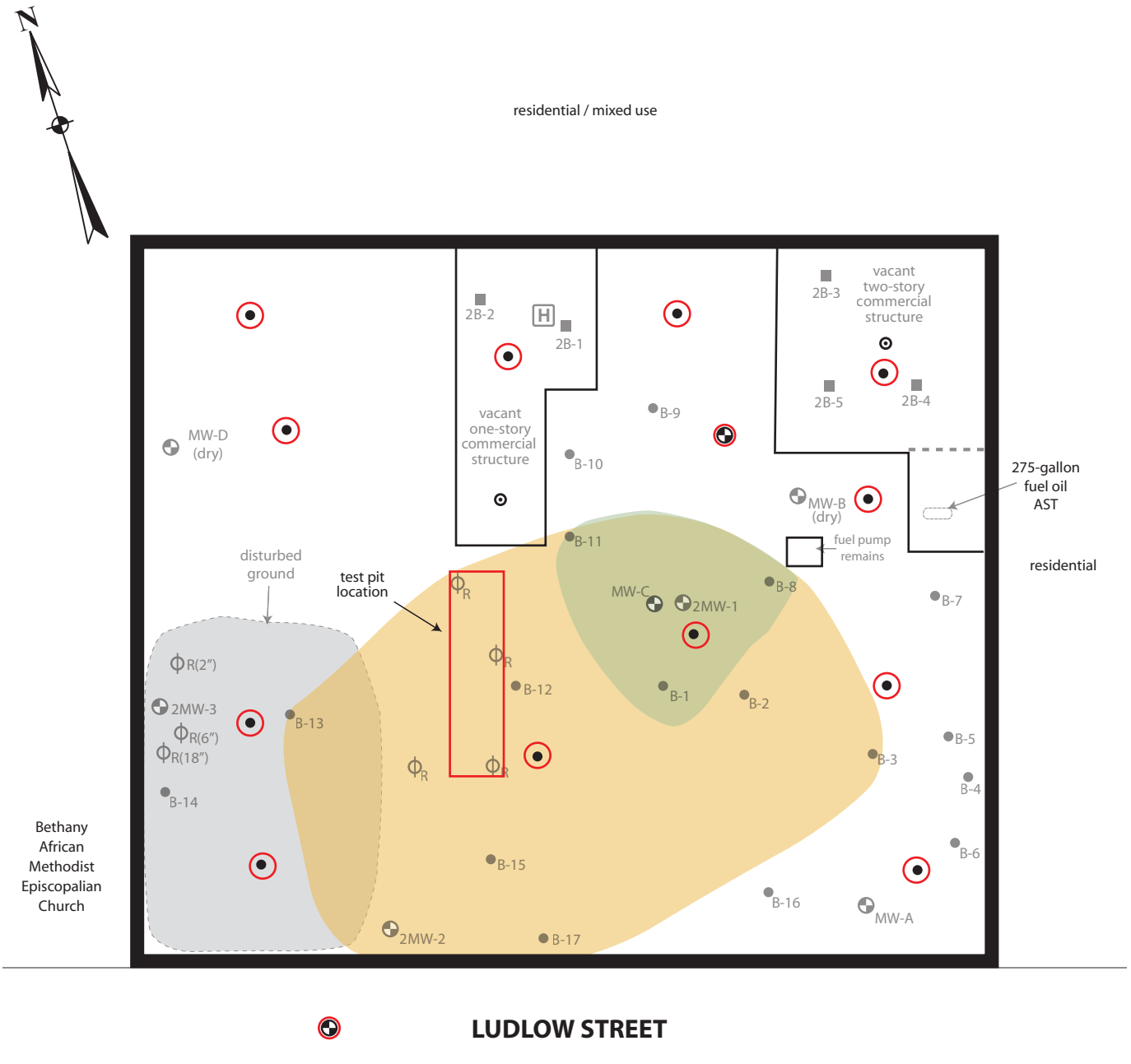
ESI File: WY07054.50

October 2013

Scale: 1" = 30' approximately

Appendix A

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
Proposed Fieldwork Map
7-17 Ludlow Street
City of Yonkers
Westchester County, New York

Legend:
- subject property border
- H hydraulic lift
- monitoring wells
- previous sample location
- sample location
- Φ_R refusal
- area of petroleum contamination at groundwater interface
- area of petroleum contaminated soil from 4' to 12'
- proposed soil vapor point
- proposed boring
- proposed monitoring well

ESI File: WY07054.50
February 2014
Scale: 1" = 30' approximately
Appendix A

APPENDIX B

Previous Data Summary Tables

Table 1: Field Observations

Boring ID	Location	Depth of Boring/ Well	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
2MW-1	In location of suspected former UST, central portion of property, 44' north of southern property line.	0-4'	Fill to 2', then fine green/gray sand.	No	40	Slight petroleum odor and staining.
		4'-8'	Fine Gray/green sand.	8'	2,800	Strong petroleum odor and staining throughout.
		8'-12'	Light brown sand.	saturated	840	Strong petroleum odor and staining diminishing with depth.
		12'-15'	No sample. Well set at 15' with 10' of screen.			
2MW-2	Southwestern portion of property. 12' west of eastern property line and 10' north of southern property line.	0-4'	Fill to four feet, then light brown silty sand with rock fragments.	No	0.0	No evidence of contamination.
		4'-8'	Light brown silty sand with rock fragments.	8'	904	Strong petroleum odor and staining at 8'.
		8'-12'	Light brown silty sand with rock fragments.	saturated	564	Strong petroleum odor and staining diminishing with depth.
		12'-15'	No sample. Well set at 15' with 10' of screen.			
2MW-3	Western portion of property. 7' east of western property line and 45' north of southern property line.	0-4'	Coarse sandy silt throughout.	No	0.0	No evidence of contamination.
		4'-8'	Coarse sandy silt throughout.	8.5'	0.0	No evidence of contamination.
		8'-12'	Coarse sandy silt throughout.	saturated	0.0	No evidence of contamination.
		12'-15'	No sample. Well set at 15' with 10' of screen.			
2B-1	Inside western former auto repair building, 3' east of a hydraulic jack.	0-4'	Concrete breech. Brick, coarse yellowish sandy soil, slightly moist.	No	0.0	No evidence of contamination.
		4'-8'	Coarse yellowish sandy soil.	Moist at 6'	0.0	No evidence of contamination.
2B-2	Inside western former auto repair building, 3' east of western wall.	0-4'	Concrete breech. Brick, coarse yellowish sandy soil, slightly moist.	No	0.0	No evidence of contamination.
		4'-8'	Coarse yellowish sandy soil.	Moist at 6'	0.0	No evidence of contamination.
2B-3	Inside eastern auto repair building, 6' south of northern wall and 8' east of western wall.	0-4'	Concrete breech. Medium brown sandy soil becoming fine and silty with depth.	No	0.0	No evidence of contamination.
		4'-8'	Medium brown silty sand.	Moist at 6'	0.0	N o evidence of contamination.
2B-4	Inside eastern auto repair building, 6' west of eastern wall and 21' south of northern wall.	0-4'	Concrete breech. Medium brown sandy soil becoming fine and silty with depth.	No	0.0	No evidence of contamination.
		4'-8'	Medium brown silty sand.	Moist at 6'	0.0	No evidence of contamination.
2B-5	Inside eastern auto repair building, 10' north of southern wall and 10' east of western wall.	0-4'	Concrete breech. Medium brown sandy soil becoming fine and silty with depth.	No	0.0	No evidence of contamination.
		4'-8'	Medium brown silty sand.	Moist at 6'	0.0	No evidence of contamination.

Table 2: VOCs in Soil

All results provided in µg/kg (parts per billion).

Compound (USEPA Method 8260)	Guidance Level	Sample Identification												
		B-1 (9')	B-2 (9')	B-3 (9')	B-8 (9')	B-11 (7.5')	B-13 (10')	B15 (12')	B-16 (11')	2B-1 (6')	2B-2 (6')	2B-3 (6')	2B-4 (4")	2MW-2 (8')
1,1,1,2-Tetrachloroethane	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	600*	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
1,1-Dichloroethane	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	**	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
1,2,3-Trichloropropane	340*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	**	ND	ND	ND	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	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	**46,000**	ND	**20,000**	**120,000**	**42,000**	**51,000**	**99,000**	11	2.5 J	ND	ND	ND	**9,500**
1,2-Dibromo-3-chloropropane	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (cis)	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (trans)	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	**	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
1,3,5-Trimethylbenzene	8,400	**13,000**	ND	**5,500**	**34,000**	**12,000**	**14,000**	**30,000**	ND	ND	ND	ND	ND	3,400
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	300*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Chlorohexane	**	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
2-Butanone (MEK)	300*	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
2-Hexanone	**	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
4-Isopropyltoluene	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	1,000*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	60	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
Bromochloromethane	**	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
Bromoform	**	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
Carbon disulfide	2,700*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	760	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1,900*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	370	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
cis-1,3-Dichloropropene	**	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
Dibromomethane	**	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
Ethylbenzene	1,000	**10,000**	270	**2,000**	**2,100**	**9,000**	**8,000**	**26,000**	ND	ND	ND	ND	ND	**1,400**
Hexachlorobenzene	330	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
Isopropylbenzene	2,300*	2,100 J	45	500 J	**4,400**	1,600	1800 J	**4,800**	ND	ND	ND	ND	ND	490 J
Methylene chloride	50	50 J, B	19 J, B	**2,100 B,J**	**6,600 J,B**	**3200 B**	11 B	9.5 B, J	27 B	18 J,B	19 J,B	19 J,B	19 J,B	6.6 J, B
Methyl ethyl ketone	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl-ether (MTBE)	930	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	**15,000**	91 J	6,400	**34,000**	**14,000**	**14,000**	**23,000**	45	ND	ND	ND	ND	1,700
n-Butylbenzene	12,000	4,400	ND	1,700	ND	3,200	4,200	9,000	ND	ND	ND	ND	ND	1,000
n-Propylbenzene	3,900	**6,100**	160	2,100	ND	**5,300**	**6,400**	**15,000**	ND	ND	ND	ND	ND	1,900
o-Xylene	260	**16,000**	220 J	**5,000**	ND	**15,000**	**14,000**	**31,000**	ND	ND	ND	ND	ND	**1,400**
p-&m-Xylenes	260	**36,000**	**580 J**	**10,000**	ND	**36,000**	**36,000**	**90,000**	2.8 J	2.2 J	ND	ND	ND	**4,900**
p-Isopropyltoluene	10,000*	1,100 J	30	240 J	1,500 J	520 J	690 J	1,900 J	ND	ND	ND	ND	ND	180 J
sec-Butylbenzene	11,000	1, 400 J	18	330 J	2,200 J	840 J	1,000 J	ND	ND	ND	ND	ND	ND	270 J
Styrene	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	ND	3.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	700	**1,800 J**	120	200J	**3,400**	**4,000**	**3,500**	**6,000**	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	470	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
Vinyl chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	**52,000**	**1,600**	**15,000**	**120,000**	**51,000**	**50,000**	**120,000**	2.8 J	ND	ND	ND	ND	**6,300**

Notes:

Guidance levels based on BCP Unrestricted Use SCOs, 6 NYCRR Part 375, Table 375-6.8(a), except as noted.

* = Guidance level based on SSCO's (NYSDEC TAGM 4046) in the NYSDEC Draft Soil Cleanup Guidance, November 2009.

** = Guidance level not established (TAGM 4046 total individual and sum of VOCs not listed must be less than or equal to 10,000 ppb).

*** = Guidance Provided for "Unrestricted Use" only.

J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - Analyte is found in the associated analysis batch blank.

ND = Not Detected

Results in bold and yellow exceed guidance levels

Resutls in blue indicates detectable concentrations

ESI File: WY07054.50

Table 3: PCBs in Soil

Results provided in mg/kg (parts per million).

PCB Compound (USEPA Method 8082)	Sample 2B-1 (6')
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 level = 0.1 ppm, based on BCP Unrestricted SCOs, 6 NYCRR Part 375, Table 375-6.8(a).
ND = Not Detected
ESI File: WY07054.50

Table 4: PAHs in Soils

Results provided in µg/kg (parts per billion).

Compound (USEPA Method 8270)	Guidance Level	Sample Identification				
		2B-1 (6')	2B-2 (6')	2B-3 (6')	2B-4 (4")	2MW-2 (8')
Acenaphthene	20,000	ND	ND	ND	ND	ND
Acenaphthylene	100,000	ND	ND	ND	ND	ND
Anthracene	100,000	ND	ND	ND	106 J	ND
Benzo(a)anthracene	1,000	ND	ND	ND	153 J	ND
Benzo(a)pyrene	1,000	ND	ND	ND	157 J	ND
Benzo(b)fluoranthene	1,000	ND	ND	ND	121 J	ND
Benzo(ghi)perylene	100,000	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	800	ND	ND	ND	148 J	ND
Chrysene	1,000	ND	ND	ND	156 J	ND
Dibenzo(a h)anthracene	330	ND	ND	ND	ND	ND
Fluoranthene	100,000	ND	ND	ND	345	ND
Fluorene	30,000	ND	ND	ND	ND	106 J
Indeno(1 2 3-cd)pyrene	500	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	115 J
Phenanthrene	100,000	ND	ND	ND	312	232
Pyrene	100,000	ND	ND	ND	311	ND

Notes:

Guidance levels based on BCP Unrestricted Use SCOs, 6 NYCRR Part 375, Table 375-6.8(a), except as noted.

J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The Concentration given is an approximate value.

ND = Not Detected
Resutls in blue indicates detectable concentrations
ESI File: WY07054.50

Table 5: VOCs in Water

All results provided in µg/L.

Compound (USEPA Method 8260)	Guidance Level	Sample Identification		
		2MW-2	2MW-3	MW-A
1,1,1,2-Tetrachloroethane	5	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND
1,2,3-Trimethylbenzene	5	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND
1,2,4-Trimethylbenzene	5	**950**	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND
cis-1,2-Dichloroethylene	5	ND	ND	ND
trans-1,2-Dichloroethylene	5	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND
1,3,5-Trimethylbenzene	5	**230 J**	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND
1-Chlorohexane	5	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND
Benzene	1	**1,200**	ND	1.4 J
Bromobenzene	5	ND	ND	ND
Bromochloromethane	5	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND
Bromoform	50	ND	ND	ND
Bromomethane	5	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND
Chlorobenzene	5	ND	ND	ND
Chloroethane	5	ND	ND	ND
Chloroform	7	ND	ND	1.3 J
Chloromethane	5	ND	ND	ND
Cis-1,3-Dichloropropylene	0.4	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND
Dibromomethane	5	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND
Ethylbenzene	5	**790**	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
Isopropylbenzene	5	**48 J**	ND	ND
Methylene chloride	5	**7.6 B, J**	ND	**6.9 J**
Methyl tert-butyl ether (MTBE)	10	**270**	ND	ND
Naphthalene	10	**290**	ND	ND
n-Butylbenzene	5	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND
o-Xylene	5	**970**	ND	0.95 J
p-&m-Xylenes	5	**2,100**	ND	1.8 J
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	ND	ND
Toluene	5	**2,000**	ND	2.9 J
trans-1,3-Dichloropropylene	0.4	ND	ND	ND
Trichloroethylene	5	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND
Total xylenes	5	**3,000**	ND	2.8 J

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda
J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - Analyte is found in the associated analysis batch blank.
ND = Not Detected
Results in bold and yellow exceed guidance levels
Resutls in blue indicates detectable concentrations
ESI File: WY07054.50

APPENDIX C

Previous Laboratory Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

Report Date: 05/10/2011
Client Project ID: WY07054.21
York Project (SDG) No.: 11D0756

Report Date: 05/10/2011
Client Project ID: WY07054.21
York Project (SDG) No.: 11D0756

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

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 April 27, 2011 and listed below. The project was identified as your project: **WY07054.21**.

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
11D0756-01	2MW-1 (8')	Soil	04/26/2011	04/27/2011
11D0756-02	2B-1 (6')	Soil	04/26/2011	04/27/2011
11D0756-03	2B-2 (6')	Soil	04/26/2011	04/27/2011
11D0756-04	2B-3 (6')	Soil	04/26/2011	04/27/2011
11D0756-05	2B-4 (4')	Soil	04/26/2011	04/27/2011

General Notes for York Project (SDG) No.: 11D0756

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:** 05/10/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: 2MW-1 (8')

York Sample ID: 11D0756-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5035B

Log-in Notes:

Sample Notes:

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	66	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	120	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	70	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	74	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	75	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	85	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	160	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	53	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	46	1100	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	140	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	59	1100	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
95-63-6	**1,2,4-Trimethylbenzene**	**9500**		ug/kg dry	65	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	160	1100	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	84	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	73	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	80	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	27	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
108-67-8	**1,3,5-Trimethylbenzene**	**3400**		ug/kg dry	46	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	58	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	85	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	84	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	120	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	60	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	60	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
71-43-2	Benzene	ND		ug/kg dry	59	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
108-86-1	Bromobenzene	ND		ug/kg dry	75	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	160	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	76	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-25-2	Bromoform	ND		ug/kg dry	71	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	150	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	130	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	43	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	93	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
67-66-3	Chloroform	ND		ug/kg dry	44	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS

Sample Information

Client Sample ID: **2MW-1 (8')** **York Sample ID:** **11D0756-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	110	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	120	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	43	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	82	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	160	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	100	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
100-41-4	**Ethyl Benzene**	**1400**		ug/kg dry	43	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
98-82-8	**Isopropylbenzene**	**490**	J	ug/kg dry	48	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	47	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-09-2	**Methylene chloride**	**6.6**	B-Dil, J, B	ug/kg dry	1.3	11	1	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
91-20-3	**Naphthalene**	**1700**		ug/kg dry	62	1100	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
104-51-8	**n-Butylbenzene**	**1000**		ug/kg dry	39	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
103-65-1	**n-Propylbenzene**	**1900**		ug/kg dry	71	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
95-47-6	**o-Xylene**	**1400**		ug/kg dry	62	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
1330-20-7P/M	**p- & m- Xylenes**	**4900**		ug/kg dry	68	1100	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
99-87-6	**p-Isopropyltoluene**	**180**	J	ug/kg dry	31	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
135-98-8	**sec-Butylbenzene**	**270**	J	ug/kg dry	64	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
100-42-5	Styrene	ND		ug/kg dry	53	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	57	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	64	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
108-88-3	Toluene	ND		ug/kg dry	28	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	80	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	84	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	70	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	110	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	120	570	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS
1330-20-7	**Xylenes, Total**	**6300**		ug/kg dry	130	1700	100	EPA SW846-8260B	05/05/2011 20:42	05/05/2011 20:42	SS

Sample Information

Client Sample ID: 2MW-1 (8') **York Sample ID:** 11D0756-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	110	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	53.2	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
120-12-7	Anthracene	ND		ug/kg dry	47.1	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	73.5	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.5	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	72.3	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	57.1	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	73.5	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
218-01-9	Chrysene	ND		ug/kg dry	76.5	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.0	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
206-44-0	Fluoranthene	ND		ug/kg dry	110	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
86-73-7	**Fluorene**	**106**	J	ug/kg dry	53.2	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.0	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
91-20-3	**Naphthalene**	**115**	J	ug/kg dry	56.7	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
85-01-8	**Phenanthrene**	**232**		ug/kg dry	70.1	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD
129-00-0	Pyrene	ND		ug/kg dry	68.1	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:01	TD

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**	**87.8**		%	0.100	0.100	1	SM 2540G	05/03/2011 12:27	05/03/2011 12:27	CC

Sample Information

Client Sample ID: 2B-1 (6') **York Sample ID:** 11D0756-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 21:18	05/05/2011 21:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	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	05/05/2011 21:18	05/05/2011 21:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS

Sample Information

Client Sample ID: 2B-1 (6')

York Sample ID: 11D0756-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.93	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
95-63-6	**1,2,4-Trimethylbenzene**	**2.5**	J	ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.56	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
67-66-3	Chloroform	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS

Sample Information

Client Sample ID: 2B-1 (6')

York Sample ID: 11D0756-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.99	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-09-2	**Methylene chloride**	**18**	J, B	ug/kg dry	2.7	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.81	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
1330-20-7P/M	**p- & m- Xylenes**	**2.2**	J	ug/kg dry	1.4	23	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	12	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	35	2	EPA SW846-8260B	05/05/2011 21:18	05/05/2011 21:18	SS

Sample Information

Client Sample ID: 2B-1 (6') **York Sample ID:** 11D0756-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	54.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
120-12-7	Anthracene	ND		ug/kg dry	48.3	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	75.4	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.2	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	58.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	75.5	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
218-01-9	Chrysene	ND		ug/kg dry	78.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
206-44-0	Fluoranthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
86-73-7	Fluorene	ND		ug/kg dry	54.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.9	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
91-20-3	Naphthalene	ND		ug/kg dry	58.2	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
85-01-8	Phenanthrene	ND		ug/kg dry	71.9	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD
129-00-0	Pyrene	ND		ug/kg dry	69.9	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 21:33	TD

Polychlorinated Biphenyls (PCB)

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.00924	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.00924	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.00924	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.00924	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.00924	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.00795	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.00795	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.00795	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.00795	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.00795	0.0199	1	EPA SW 846-8082	05/05/2011 06:53	05/05/2011 12:07	JW

Sample Information

Client Sample ID: 2B-1 (6') **York Sample ID:** 11D0756-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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**	**85.5**		%	0.100	0.100	1	SM 2540G	05/03/2011 12:27	05/03/2011 12:27	CC

Sample Information

Client Sample ID: 2B-2 (6') **York Sample ID:** 11D0756-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 21:54	05/05/2011 21:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	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	05/05/2011 21:54	05/05/2011 21:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.88	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.1	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.52	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS

Sample Information

Client Sample ID: 2B-2 (6') **York Sample ID:** 11D0756-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 21:54	05/05/2011 21:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
67-66-3	Chloroform	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.93	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.5	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.76	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.60	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
108-88-3	Toluene	ND		ug/kg dry	0.55	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS

Sample Information

Client Sample ID: 2B-2 (6')

York Sample ID: 11D0756-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 21:54	05/05/2011 21:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	33	2	EPA SW846-8260B	05/05/2011 21:54	05/05/2011 21:54	SS

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	106	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	51.5	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
120-12-7	Anthracene	ND		ug/kg dry	45.5	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.1	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.9	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	69.9	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55.2	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	71.1	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
218-01-9	Chrysene	ND		ug/kg dry	74.0	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
206-44-0	Fluoranthene	ND		ug/kg dry	106	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
86-73-7	Fluorene	ND		ug/kg dry	51.5	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	67.7	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
91-20-3	Naphthalene	ND		ug/kg dry	54.9	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
85-01-8	Phenanthrene	ND		ug/kg dry	67.8	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD
129-00-0	Pyrene	ND		ug/kg dry	65.9	184	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 22:05	TD

Sample Information

Client Sample ID: 2B-2 (6') **York Sample ID:** 11D0756-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	**% Solids**	**90.7**		%	0.100	0.100	1	SM 2540G	05/03/2011 12:27	05/03/2011 12:27	CC

Sample Information

Client Sample ID: 2B-3 (6') **York Sample ID:** 11D0756-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 22:30	05/05/2011 22:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.93	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.56	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.93	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS

Sample Information

Client Sample ID: 2B-3 (6') **York Sample ID:** 11D0756-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 22:30	05/05/2011 22:30	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-25-2	Bromoform	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
67-66-3	Chloroform	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.98	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.7	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.81	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS

Sample Information

Client Sample ID: 2B-3 (6')

York Sample ID: 11D0756-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 22:30	05/05/2011 22:30	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	12	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	35	2	EPA SW846-8260B	05/05/2011 22:30	05/05/2011 22:30	SS

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	54.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
120-12-7	Anthracene	ND		ug/kg dry	48.3	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	75.4	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.8	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.1	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	58.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	75.4	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
218-01-9	Chrysene	ND		ug/kg dry	78.5	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.2	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
206-44-0	Fluoranthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
86-73-7	Fluorene	ND		ug/kg dry	54.6	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.8	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
91-20-3	Naphthalene	ND		ug/kg dry	58.2	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
85-01-8	Phenanthrene	ND		ug/kg dry	71.9	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD
129-00-0	Pyrene	ND		ug/kg dry	69.9	195	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:10	TD

Sample Information

Client Sample ID: 2B-3 (6') **York Sample ID:** 11D0756-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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**	**85.6**		%	0.100	0.100	1	SM 2540G	05/03/2011 12:27	05/03/2011 12:27	CC

Sample Information

Client Sample ID: 2B-4 (4') **York Sample ID:** 11D0756-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 23:06	05/05/2011 23:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	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	05/05/2011 23:06	05/05/2011 23:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.91	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS

Sample Information

Client Sample ID: 2B-4 (4') **York Sample ID:** 11D0756-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 23:06	05/05/2011 23:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
67-66-3	Chloroform	ND		ug/kg dry	0.89	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.96	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.94	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.6	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.79	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.62	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
108-88-3	Toluene	ND		ug/kg dry	0.57	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS

Sample Information

Client Sample ID: 2B-4 (4') **York Sample ID:** 11D0756-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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	05/05/2011 23:06	05/05/2011 23:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	34	2	EPA SW846-8260B	05/05/2011 23:06	05/05/2011 23:06	SS

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	110	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	53.4	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
120-12-7	**Anthracene**	**106**	J	ug/kg dry	47.2	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
56-55-3	**Benzo(a)anthracene**	**153**	J	ug/kg dry	73.7	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
50-32-8	**Benzo(a)pyrene**	**157**	J	ug/kg dry	49.7	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
205-99-2	**Benzo(b)fluoranthene**	**121**	J	ug/kg dry	72.5	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	57.2	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
207-08-9	**Benzo(k)fluoranthene**	**148**	J	ug/kg dry	73.7	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
218-01-9	**Chrysene**	**156**	J	ug/kg dry	76.7	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.1	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
206-44-0	**Fluoranthene**	**345**		ug/kg dry	110	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
86-73-7	Fluorene	ND		ug/kg dry	53.4	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70.2	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
91-20-3	Naphthalene	ND		ug/kg dry	56.9	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
85-01-8	**Phenanthrene**	**312**		ug/kg dry	70.3	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD
129-00-0	**Pyrene**	**311**		ug/kg dry	68.3	190	1	EPA SW-846 8270C	05/06/2011 14:53	05/09/2011 23:43	TD

Sample Information

Client Sample ID: 2B-4 (4')

York Sample ID: 11D0756-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11D0756	WY07054.21	Soil	April 26, 2011 3:00 pm	04/27/2011

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**	**87.5**		%	0.100	0.100	1	SM 2540G	05/03/2011 12:27	05/03/2011 12:27	CC

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B-Dil	Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
B	Analyte is found in the associated analysis batch blank.

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. 11D0756

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies	SAME ☐	SAME ☐	WY07054.21	RUSH Same Day ____	Summary X
Address: 14 Davis Ave,	Name: Richard	Name: Brenda		RUSH Next Day ____	QA/QC Summary ____
Poughkeepsie	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				RUSH Four Day ____	ASP B Pkg ____
E-mail Addr.:	E-mail:	E-mail		Standard (5-7 days) X	Excel X
FAX No.:	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.

Samples Collected/Authorized By (Signature)

R. Hooker
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	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-[illegible]	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-[illegible]	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
2MW-1 (8')	4/26/11	soil	8260 full, PAHs	8oz + 2 oz
2B-1 (6')				
2B-2 (6')				
2B-3 (6')				
2B-4 (4')				

Comments

Preservation "X" those applicable

Cool 4°C ____ HNO3 ____ H2SO4 ____ NaOH ____ NONE ____ FROZEN ____

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	4/27/11	Chris C	4-27-11 9:30
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[illegible]	4/27/11-1600

Temperature on Receipt 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

Report Date: 05/18/2011
Client Project ID: WY07054.21
York Project (SDG) No.: 11E0483

Report Date: 05/18/2011
Client Project ID: WY07054.21
York Project (SDG) No.: 11E0483

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

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 13, 2011 and listed below. The project was identified as your project: **WY07054.21**.

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
11E0483-01	2MW-2	Water	05/13/2011	05/13/2011
11E0483-02	2MW-3	Water	05/13/2011	05/13/2011
11E0483-03	MW-A	Water	05/13/2011	05/13/2011

General Notes for York Project (SDG) No.: 11E0483

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:** 05/18/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: 2MW-2 **York Sample ID:** 11E0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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	27	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	48	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	28	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	30	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	30	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	66	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	22	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	18	500	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	57	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	24	500	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
95-63-6	**1,2,4-Trimethylbenzene**	**950**		ug/L	26	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	66	500	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	30	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	32	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	11	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
108-67-8	**1,3,5-Trimethylbenzene**	**230**	J	ug/L	18	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	24	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	48	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	24	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	24	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
71-43-2	**Benzene**	**1200**		ug/L	24	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
108-86-1	Bromobenzene	ND		ug/L	30	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
74-97-5	Bromochloromethane	ND		ug/L	64	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	31	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-25-2	Bromoform	ND		ug/L	29	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
74-83-9	Bromomethane	ND		ug/L	62	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	52	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
108-90-7	Chlorobenzene	ND		ug/L	18	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-00-3	Chloroethane	ND		ug/L	38	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
67-66-3	Chloroform	ND		ug/L	18	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS

Sample Information

Client Sample ID: 2MW-2 **York Sample ID:** 11E0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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	44	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	48	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	18	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
74-95-3	Dibromomethane	ND		ug/L	66	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	42	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
100-41-4	**Ethyl Benzene**	**790**		ug/L	18	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	22	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
98-82-8	**Isopropylbenzene**	**48**	J	ug/L	20	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**270**		ug/L	19	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-09-2	**Methylene chloride**	**7.6**	B-Dil, J, B	ug/L	1.1	10	1	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
91-20-3	**Naphthalene**	**290**	J, B	ug/L	25	500	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	16	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
103-65-1	**n-Propylbenzene**	**120**	J	ug/L	29	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
95-47-6	**o-Xylene**	**970**		ug/L	25	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
1330-20-7P/M	**p- & m- Xylenes**	**2100**		ug/L	28	500	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	12	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	26	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
100-42-5	Styrene	ND		ug/L	22	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	23	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	26	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
108-88-3	**Toluene**	**2000**		ug/L	12	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	32	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	34	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
79-01-6	Trichloroethylene	ND		ug/L	28	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	46	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	48	250	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS
1330-20-7	**Xylenes, Total**	**3000**		ug/L	52	750	50	EPA SW846-8260B	05/18/2011 06:04	05/18/2011 06:04	SS

Sample Information

Client Sample ID: 2MW-2 **York Sample ID:** 11E0483-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

Semi-Volatiles, PAH Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	4.31	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
208-96-8	Acenaphthylene	ND		ug/L	5.70	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
120-12-7	Anthracene	ND		ug/L	4.88	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	5.42	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	6.46	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.49	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.54	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	4.61	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
218-01-9	Chrysene	ND		ug/L	5.54	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	4.13	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
206-44-0	Fluoranthene	ND		ug/L	2.13	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
86-73-7	Fluorene	ND		ug/L	4.30	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.66	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
91-20-3	**Naphthalene**	**88.4**		ug/L	5.15	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
85-01-8	Phenanthrene	ND		ug/L	4.81	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD
129-00-0	Pyrene	ND		ug/L	3.16	6.67	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:27	TD

Sample Information

Client Sample ID: 2MW-3 **York Sample ID:** 11E0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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	05/18/2011 06:52	05/18/2011 06:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	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	05/18/2011 06:52	05/18/2011 06:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS

Sample Information

Client Sample ID: 2MW-3 **York Sample ID:** 11E0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS

Sample Information

Client Sample ID: 2MW-3 **York Sample ID:** 11E0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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
75-09-2	**Methylene chloride**	**6.7**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	05/18/2011 06:52	05/18/2011 06:52	SS

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	5.88	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
208-96-8	Acenaphthylene	ND		ug/L	7.77	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
120-12-7	Anthracene	ND		ug/L	6.65	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	7.40	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	8.81	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	7.49	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	7.55	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	6.28	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
218-01-9	Chrysene	ND		ug/L	7.55	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	5.64	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
206-44-0	Fluoranthene	ND		ug/L	2.90	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
86-73-7	Fluorene	ND		ug/L	5.86	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	4.99	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD

Sample Information

Client Sample ID: 2MW-3 **York Sample ID:** 11E0483-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	7.02	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
85-01-8	Phenanthrene	ND		ug/L	6.56	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD
129-00-0	Pyrene	ND		ug/L	4.30	9.09	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 14:59	TD

Sample Information

Client Sample ID: MW-A **York Sample ID:** 11E0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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	05/18/2011 07:39	05/18/2011 07:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	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	05/18/2011 07:39	05/18/2011 07:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS

Sample Information

Client Sample ID: MW-A **York Sample ID:** 11E0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
71-43-2	**Benzene**	**1.4**	J	ug/L	0.48	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
67-66-3	**Chloroform**	**1.3**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-09-2	**Methylene chloride**	**6.9**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
91-20-3	Naphthalene	ND		ug/L	0.50	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
95-47-6	**o-Xylene**	**0.95**	J	ug/L	0.50	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
1330-20-7P/M	**p- & m- Xylenes**	**1.8**	J	ug/L	0.55	10	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
108-88-3	**Toluene**	**2.9**	J	ug/L	0.23	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS

Sample Information

Client Sample ID: MW-A **York Sample ID:** 11E0483-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11E0483	WY07054.21	Water	May 13, 2011 9:00 am	05/13/2011

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS
1330-20-7	**Xylenes, Total**	**2.8**	J	ug/L	1.0	15	1	EPA SW846-8260B	05/18/2011 07:39	05/18/2011 07:39	SS

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	4.05	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
208-96-8	Acenaphthylene	ND		ug/L	5.34	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
120-12-7	Anthracene	ND		ug/L	4.57	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
56-55-3	Benzo(a)anthracene	ND		ug/L	5.08	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	6.06	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	5.15	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	5.19	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	4.32	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
218-01-9	Chrysene	ND		ug/L	5.19	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	3.88	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
206-44-0	Fluoranthene	ND		ug/L	1.99	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
86-73-7	Fluorene	ND		ug/L	4.03	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	3.43	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
91-20-3	Naphthalene	ND		ug/L	4.83	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
85-01-8	Phenanthrene	ND		ug/L	4.51	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD
129-00-0	Pyrene	ND		ug/L	2.96	6.25	1	EPA SW-846 8270C	05/16/2011 08:10	05/17/2011 15:32	TD

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B-Dil	Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
B	Analyte is found in the associated analysis batch blank.

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. 11E0483

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies	SAME ☐	SAME ☐	WY07054.21	RUSH Same Day ____	Summary X
Address: 14 Davis Ave,	Name: Richard	Name: Brenda		RUSH Next Day ____	QA/QC Summary ____
Poughkeepsie	Company:	Company:	Purchase Order no.	RUSH Two Day ____	CT RCP Pkg ____
Phone no.: 845 452 1658	Address:	Address:		RUSH Three Day ____	ASP A Pkg ____
Contact Person				RUSH Four Day ____	ASP B Pkg ____
E-mail Addr.:	E-mail:	E-mail		Standard (5-7 days) X	Excel X
FAX No.:	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.

Samples Collected/Authorized By (Signature)

R. Horton

Name (printed)

Matrix Codes
S - soil
Other - specify
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			Special Instructions
8260 full	TICs	8270 or 625	8082/PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color	Field Filtered ☐
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols	Lab to Filter ☐
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	TKN	Cyanide-T	
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot.Nitrgn	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/Subpart	Heterotrophs	Chloride	CBOD5	
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360/Subtitle	TOX	Phosphate	BOD28	
CT RCP	Oxygenates	TCL list	TCLP Pest	Info. Metals	AirSTARS	Part 360/Subpart	BTU/lb.	Tot. Phos.	COD	
Arom.	TCLP list	TICs	TCLP Herb	Eff. Ch. As Cd	Air VPH	Part 360/Subpart	Aquatic Tox.	Oil&Grease	TSS	
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Pb, Zn,	Air TICs	NYSDEC/Subpart	TOC	E.O.G.	Total Solids	
App.IX	502.2	SPLP or TCLP	608 Pest	Sb, Tl, Sn, Cu,	Methane	NYSDEC/Subpart	Asbestos	pH	TDS	
8021B list	5035	TCLP BNA	608 PCB	Se, Mo, Ba, Ag	Helium	TAGM	Silica	MBAS	TPH-418	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
2 MW-2	5/13/2011	water	8260 full, PAH	2x40 ml + 1L
2 MW-3	5/13/2011	water	8260 full, PAH	2x40 ml + 1L
MW-A	5/13/2011	water	8260 full, PAH	2x40 ml + 1L

Comments

Preservation "X" those applicable: Cool 4°C ____ HNO3 ____ H2SO4 ____ NaOH ____ NONE ____ FROZEN ____

R. Horton 5-13-11
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chris @ 5-13-11 10:10
Samples Received By Date/Time

Samples Received in LAB by Date/Time

Temperature on Receipt ____ °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

Report Date: 09/29/2010
Client Project ID: WY07054.20
York Project (SDG) No.: 10I0727

Report Date: 09/29/2010
Client Project ID: WY07054.20
York Project (SDG) No.: 10I0727

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Richard Hooker

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 September 22, 2010 and listed below. The project was identified as your project: **WY07054.20**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10I0727-01	B-1 9'	Soil	09/21/2010	09/22/2010
10I0727-02	B-3 9'	Soil	09/21/2010	09/22/2010
10I0727-03	B-8 9'	Soil	09/21/2010	09/22/2010
10I0727-04	B-11 7.5'	Soil	09/21/2010	09/22/2010
10I0727-05	B-13 10'	Soil	09/21/2010	09/22/2010
10I0727-06	B-15 12'	Soil	09/21/2010	09/22/2010
10I0727-07	B-16 11'	Soil	09/21/2010	09/22/2010
10I0727-08	B-2 9'	Soil	09/21/2010	09/22/2010

General Notes for York Project (SDG) No.: 10I0727

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: 09/29/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: **B-1 9'** **York Sample ID:** **10I0727-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	340	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	600	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	360	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	380	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	390	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	440	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	840	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	230	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	720	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
95-63-6	**1,2,4-Trimethylbenzene**	**46000**		ug/kg dry	330	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	830	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	430	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	370	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	410	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	140	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
108-67-8	**1,3,5-Trimethylbenzene**	**13000**		ug/kg dry	230	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	440	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	430	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	610	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	310	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	310	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
71-43-2	Benzene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	390	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	810	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	390	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-25-2	Bromoform	ND		ug/kg dry	370	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	780	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	660	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	220	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	480	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
67-66-3	Chloroform	ND		ug/kg dry	230	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS

Sample Information

Client Sample ID: **B-1 9'** **York Sample ID:** **10I0727-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	560	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	610	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	220	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	420	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	840	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	520	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
100-41-4	**Ethyl Benzene**	**10000**		ug/kg dry	220	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
98-82-8	**Isopropylbenzene**	**2100**	J	ug/kg dry	250	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-09-2	**Methylene chloride**	**4500**	J, B	ug/kg dry	670	5900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
91-20-3	**Naphthalene**	**15000**		ug/kg dry	320	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
104-51-8	**n-Butylbenzene**	**4400**		ug/kg dry	200	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
103-65-1	**n-Propylbenzene**	**6100**		ug/kg dry	370	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
95-47-6	**o-Xylene**	**16000**		ug/kg dry	320	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
1330-20-7P/M	**p- & m- Xylenes**	**36000**		ug/kg dry	350	5900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
99-87-6	**p-Isopropyltoluene**	**1100**	J	ug/kg dry	160	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
135-98-8	**sec-Butylbenzene**	**1400**	J	ug/kg dry	330	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
100-42-5	Styrene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	330	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
108-88-3	**Toluene**	**1800**	J	ug/kg dry	150	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	410	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	430	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	360	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	580	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	610	2900	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS
	Xylenes, Total	**52000**		ug/kg dry	660	8800	500	EPA SW846-8260B	09/29/2010 12:54	09/29/2010 12:54	SS

Sample Information

Client Sample ID: B-1 9' **York Sample ID:** 10I0727-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
208-96-8	**Acenaphthylene**	**57.7**	J	ug/kg dry	54.7	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
120-12-7	Anthracene	ND		ug/kg dry	48.4	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	75.5	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.9	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	74.2	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	58.6	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	75.5	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
218-01-9	Chrysene	ND		ug/kg dry	78.6	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
206-44-0	Fluoranthene	ND		ug/kg dry	113	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
86-73-7	Fluorene	ND		ug/kg dry	54.7	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.9	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
91-20-3	**Naphthalene**	**1280**		ug/kg dry	58.3	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
85-01-8	Phenanthrene	ND		ug/kg dry	72.0	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD
129-00-0	Pyrene	ND		ug/kg dry	70.0	195	1	EPA SW-846 8270C	09/24/2010 16:24	09/27/2010 23:38	TD

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**85.4**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-3 9' **York Sample ID:** 10I0727-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	130	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	240	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	140	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	150	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	150	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS

Sample Information

Client Sample ID: B-3 9' **York Sample ID:** 10I0727-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	330	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	110	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	92	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	280	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
95-63-6	**1,2,4-Trimethylbenzene**	**20000**		ug/kg dry	130	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	330	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	150	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	160	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	55	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
108-67-8	**1,3,5-Trimethylbenzene**	**5500**		ug/kg dry	92	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	240	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
71-43-2	Benzene	ND		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
108-86-1	Bromobenzene	ND		ug/kg dry	150	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	320	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	150	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-25-2	Bromoform	ND		ug/kg dry	140	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	310	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	260	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	87	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	190	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
67-66-3	Chloroform	ND		ug/kg dry	90	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	220	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	240	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	87	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
74-95-3	Dibromomethane	ND		ug/kg dry	330	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	210	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS

Sample Information

Client Sample ID: B-3 9' **York Sample ID:** 10I0727-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
100-41-4	**Ethyl Benzene**	**2000**		ug/kg dry	87	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	110	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
98-82-8	**Isopropylbenzene**	**500**	J	ug/kg dry	97	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	95	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-09-2	**Methylene chloride**	**2100**	B, J	ug/kg dry	260	2300	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
91-20-3	**Naphthalene**	**6400**		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
104-51-8	**n-Butylbenzene**	**1700**		ug/kg dry	80	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
103-65-1	**n-Propylbenzene**	**2100**		ug/kg dry	140	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
95-47-6	**o-Xylene**	**5000**		ug/kg dry	120	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
1330-20-7P/M	**p- & m- Xylenes**	**10000**		ug/kg dry	140	2300	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
99-87-6	**p-Isopropyltoluene**	**240**	J	ug/kg dry	62	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
135-98-8	**sec-Butylbenzene**	**330**	J	ug/kg dry	130	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
100-42-5	Styrene	ND		ug/kg dry	110	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	110	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	130	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
108-88-3	**Toluene**	**200**	J	ug/kg dry	57	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	160	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	170	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	140	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	230	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	240	1200	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS
	Xylenes, Total	**15000**		ug/kg dry	260	3500	200	EPA SW846-8260B	09/29/2010 13:40	09/29/2010 13:40	SS

Sample Information

Client Sample ID: B-3 9' **York Sample ID:** 10I0727-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	112	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	53.9	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
120-12-7	Anthracene	ND		ug/kg dry	47.7	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	74.5	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.2	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	73.2	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	57.9	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	74.5	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
218-01-9	Chrysene	ND		ug/kg dry	77.6	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.6	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
206-44-0	Fluoranthene	ND		ug/kg dry	112	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
86-73-7	Fluorene	ND		ug/kg dry	53.9	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.0	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
91-20-3	Naphthalene	ND		ug/kg dry	57.5	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
85-01-8	Phenanthrene	ND		ug/kg dry	71.0	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD
129-00-0	Pyrene	ND		ug/kg dry	69.1	192	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:11	TD

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**86.6**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-8 9' **York Sample ID:** 10I0727-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	390	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	690	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	420	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	440	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	450	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS

Sample Information

Client Sample ID: B-8 9' **York Sample ID:** 10I0727-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	500	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	970	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	310	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	270	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	830	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	350	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
95-63-6	**1,2,4-Trimethylbenzene**	**120000**		ug/kg dry	390	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	970	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	500	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	430	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	480	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	160	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
108-67-8	**1,3,5-Trimethylbenzene**	**34000**		ug/kg dry	270	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	340	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	500	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	500	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	700	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	360	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	360	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
71-43-2	Benzene	ND		ug/kg dry	350	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
108-86-1	Bromobenzene	ND		ug/kg dry	450	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	940	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	450	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-25-2	Bromoform	ND		ug/kg dry	420	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	910	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	760	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	260	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	560	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
67-66-3	Chloroform	ND		ug/kg dry	260	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	650	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	700	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	260	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	490	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	970	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	610	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS

Sample Information

Client Sample ID: B-8 9' **York Sample ID:** 10I0727-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
100-41-4	**Ethyl Benzene**	**21000**		ug/kg dry	260	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	310	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
98-82-8	**Isopropylbenzene**	**4400**		ug/kg dry	290	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	280	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-09-2	**Methylene chloride**	**6600**	B, J	ug/kg dry	780	6800	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
91-20-3	**Naphthalene**	**34000**		ug/kg dry	370	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
104-51-8	**n-Butylbenzene**	**9300**		ug/kg dry	230	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
103-65-1	**n-Propylbenzene**	**16000**		ug/kg dry	420	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
95-47-6	**o-Xylene**	**33000**		ug/kg dry	370	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
1330-20-7P/M	**p- & m- Xylenes**	**85000**		ug/kg dry	400	6800	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
99-87-6	**p-Isopropyltoluene**	**1500**	J	ug/kg dry	180	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
135-98-8	**sec-Butylbenzene**	**2200**	J	ug/kg dry	380	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
100-42-5	Styrene	ND		ug/kg dry	310	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	340	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	380	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
108-88-3	**Toluene**	**3400**		ug/kg dry	170	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	480	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	500	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	420	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	670	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	710	3400	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS
	Xylenes, Total	**120000**		ug/kg dry	770	10000	500	EPA SW846-8260B	09/29/2010 14:26	09/29/2010 14:26	SS

Sample Information

Client Sample ID: B-8 9' **York Sample ID:** 10I0727-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	131	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
208-96-8	**Acenaphthylene**	**279**		ug/kg dry	63.3	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
120-12-7	**Anthracene**	**152**	J	ug/kg dry	56.0	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	87.3	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	58.9	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	85.9	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.9	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	87.4	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
218-01-9	Chrysene	ND		ug/kg dry	91.0	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	57.1	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
206-44-0	**Fluoranthene**	**199**	J	ug/kg dry	131	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
86-73-7	Fluorene	ND		ug/kg dry	63.3	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	83.2	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
91-20-3	**Naphthalene**	**8990**		ug/kg dry	67.4	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
85-01-8	**Phenanthrene**	**945**		ug/kg dry	83.3	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD
129-00-0	**Pyrene**	**118**	J	ug/kg dry	81.0	226	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 00:43	TD

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**73.8**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-11 7.5' **York Sample ID:** 10I0727-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	170	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	190	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS

Sample Information

Client Sample ID: B-11 7.5' **York Sample ID:** 10I0727-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	410	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	130	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	350	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
95-63-6	**1,2,4-Trimethylbenzene**	**42000**		ug/kg dry	160	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	410	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	200	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	68	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
108-67-8	**1,3,5-Trimethylbenzene**	**12000**		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	140	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	300	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
71-43-2	Benzene	ND		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
108-86-1	Bromobenzene	ND		ug/kg dry	190	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	390	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	190	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-25-2	Bromoform	ND		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
74-83-9	Bromomethane	ND		ug/kg dry	380	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	320	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-00-3	Chloroethane	ND		ug/kg dry	230	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
67-66-3	Chloroform	ND		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
74-87-3	Chloromethane	ND		ug/kg dry	270	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	300	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
74-95-3	Dibromomethane	ND		ug/kg dry	410	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	260	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
100-41-4	**Ethyl Benzene**	**9000**		ug/kg dry	110	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS

Sample Information

Client Sample ID: B-11 7.5' **York Sample ID:** 10I0727-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	130	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
98-82-8	**Isopropylbenzene**	**1600**		ug/kg dry	120	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	120	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-09-2	**Methylene chloride**	**3200**	B	ug/kg dry	330	2900	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
91-20-3	**Naphthalene**	**14000**		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
104-51-8	**n-Butylbenzene**	**3200**		ug/kg dry	99	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
103-65-1	**n-Propylbenzene**	**5300**		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
95-47-6	**o-Xylene**	**15000**		ug/kg dry	150	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
1330-20-7P/M	**p- & m- Xylenes**	**36000**		ug/kg dry	170	2900	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
99-87-6	**p-Isopropyltoluene**	**520**	J	ug/kg dry	77	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
135-98-8	**sec-Butylbenzene**	**840**	J	ug/kg dry	160	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
100-42-5	Styrene	ND		ug/kg dry	130	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	140	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	160	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
108-88-3	**Toluene**	**4000**		ug/kg dry	71	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	200	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	210	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	180	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	280	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	300	1400	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS
	Xylenes, Total	**51000**		ug/kg dry	320	4300	250	EPA SW846-8260B	09/29/2010 15:11	09/29/2010 15:11	SS

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**87.7**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-13 10' **York Sample ID:** 10I0727-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	320	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS

Sample Information

Client Sample ID: B-13 10'

York Sample ID: 10I0727-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	570	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	340	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	360	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	360	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	410	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	790	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	260	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	220	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	680	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
95-63-6	**1,2,4-Trimethylbenzene**	**51000**		ug/kg dry	320	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	790	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	410	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	350	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	390	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	130	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
108-67-8	**1,3,5-Trimethylbenzene**	**14000**		ug/kg dry	220	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	280	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	410	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	410	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	570	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	290	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	290	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
71-43-2	Benzene	ND		ug/kg dry	290	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
108-86-1	Bromobenzene	ND		ug/kg dry	360	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	760	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	370	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-25-2	Bromoform	ND		ug/kg dry	350	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	740	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	620	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	210	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	450	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
67-66-3	Chloroform	ND		ug/kg dry	210	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	530	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS

Sample Information

Client Sample ID: **B-13 10'** **York Sample ID:** **10I0727-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	570	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	210	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	400	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
74-95-3	Dibromomethane	ND		ug/kg dry	790	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	500	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
100-41-4	**Ethyl Benzene**	**8000**		ug/kg dry	210	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	260	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
98-82-8	**Isopropylbenzene**	**1800**	J	ug/kg dry	230	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	230	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-09-2	**Methylene chloride**	**11**	B-Dil, B	ug/kg dry	1.3	11	1	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
91-20-3	**Naphthalene**	**14000**		ug/kg dry	300	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
104-51-8	**n-Butylbenzene**	**4200**		ug/kg dry	190	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
103-65-1	**n-Propylbenzene**	**6400**		ug/kg dry	350	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
95-47-6	**o-Xylene**	**14000**		ug/kg dry	300	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
1330-20-7P/M	**p- & m- Xylenes**	**36000**		ug/kg dry	330	5500	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
99-87-6	**p-Isopropyltoluene**	**690**	J	ug/kg dry	150	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
135-98-8	**sec-Butylbenzene**	**1000**	J	ug/kg dry	310	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
100-42-5	Styrene	ND		ug/kg dry	260	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	270	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	310	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
108-88-3	**Toluene**	**3500**		ug/kg dry	140	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	390	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	410	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	340	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	540	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	580	2800	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS
	Xylenes, Total	**50000**		ug/kg dry	630	8300	500	EPA SW846-8260B	09/28/2010 18:16	09/28/2010 18:16	SS

Sample Information

Client Sample ID: B-13 10' **York Sample ID:** 10I0727-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**90.4**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-15 12' **York Sample ID:** 10I0727-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	340	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	590	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	350	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	370	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	380	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	430	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	830	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	230	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	710	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
95-63-6	**1,2,4-Trimethylbenzene**	**99000**		ug/kg dry	330	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	820	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	420	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	370	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	400	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	140	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
108-67-8	**1,3,5-Trimethylbenzene**	**30000**		ug/kg dry	230	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	430	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	420	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	600	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
71-43-2	Benzene	ND		ug/kg dry	300	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS

Sample Information

Client Sample ID: **B-15 12'** **York Sample ID:** **10I0727-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	380	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	790	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	380	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-25-2	Bromoform	ND		ug/kg dry	360	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	770	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	650	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	220	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	470	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
67-66-3	Chloroform	ND		ug/kg dry	220	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	550	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	600	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	220	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	420	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	830	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	520	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
100-41-4	**Ethyl Benzene**	**26000**		ug/kg dry	220	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
98-82-8	**Isopropylbenzene**	**4800**		ug/kg dry	240	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-09-2	**Methylene chloride**	**9.5**	B-Dil, B, J	ug/kg dry	1.3	11	1	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
91-20-3	**Naphthalene**	**23000**		ug/kg dry	310	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
104-51-8	**n-Butylbenzene**	**9000**		ug/kg dry	200	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
103-65-1	**n-Propylbenzene**	**15000**		ug/kg dry	360	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
95-47-6	**o-Xylene**	**31000**		ug/kg dry	310	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
1330-20-7P/M	**p- & m- Xylenes**	**90000**		ug/kg dry	340	5700	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
99-87-6	**p-Isopropyltoluene**	**1900**	J	ug/kg dry	160	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	320	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
100-42-5	Styrene	ND		ug/kg dry	270	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	320	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
108-88-3	**Toluene**	**6000**		ug/kg dry	140	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	400	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	420	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	350	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	560	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS

Sample Information

Client Sample ID: B-15 12' **York Sample ID:** 10I0727-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	600	2900	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS
	Xylenes, Total	**120000**		ug/kg dry	650	8600	500	EPA SW846-8260B	09/28/2010 19:02	09/28/2010 19:02	SS

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**87.0**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-16 11' **York Sample ID:** 10I0727-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	09/29/2010 11:23	09/29/2010 11:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	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	09/29/2010 11:23	09/29/2010 11:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/kg dry	1.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.54	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.91	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS

Sample Information

Client Sample ID: B-16 11'

York Sample ID: 10I0727-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
67-66-3	Chloroform	ND		ug/kg dry	0.88	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.86	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.96	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.93	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-09-2	**Methylene chloride**	**27**	B	ug/kg dry	2.6	23	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
91-20-3	**Naphthalene**	**45**		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.79	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
1330-20-7P/M	**p- & m- Xylenes**	**2.8**	J	ug/kg dry	1.4	23	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.61	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS

Sample Information

Client Sample ID: B-16 11'

York Sample ID: 10I0727-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	11	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS
	Xylenes, Total	**2.8**	J	ug/kg dry	2.6	34	2	EPA SW846-8260B	09/29/2010 11:23	09/29/2010 11:23	SS

Semi-Volatiles, PAH 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
83-32-9	Acenaphthene	ND		ug/kg dry	110	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	53.1	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
120-12-7	Anthracene	ND		ug/kg dry	47.0	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	73.3	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.4	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	72.1	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.9	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	73.3	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
218-01-9	Chrysene	ND		ug/kg dry	76.3	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.9	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
206-44-0	Fluoranthene	ND		ug/kg dry	110	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
86-73-7	Fluorene	ND		ug/kg dry	53.1	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.8	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
91-20-3	Naphthalene	ND		ug/kg dry	56.6	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
85-01-8	Phenanthrene	ND		ug/kg dry	69.9	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD
129-00-0	Pyrene	ND		ug/kg dry	68.0	189	1	EPA SW-846 8270C	09/24/2010 16:24	09/28/2010 01:16	TD

Sample Information

Client Sample ID: B-16 11' **York Sample ID:** 10I0727-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**88.0**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

Sample Information

Client Sample ID: B-2 9' **York Sample ID:** 10I0727-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	09/29/2010 12:00	09/29/2010 12:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	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	09/29/2010 12:00	09/29/2010 12:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.90	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
95-63-6	**1,2,4-Trimethylbenzene**	**540**	J	ug/kg dry	64	560	100	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.53	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
108-67-8	**1,3,5-Trimethylbenzene**	**350**		ug/kg dry	0.90	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS

Sample Information

Client Sample ID: B-2 9' **York Sample ID:** 10I0727-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	09/29/2010 12:00	09/29/2010 12:00	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.1	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-25-2	Bromoform	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.0	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
67-66-3	Chloroform	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
100-41-4	**Ethyl Benzene**	**270**		ug/kg dry	0.85	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
98-82-8	**Isopropylbenzene**	**45**		ug/kg dry	0.95	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-09-2	**Methylene chloride**	**19**	J, B	ug/kg dry	2.6	22	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
91-20-3	**Naphthalene**	**91**	J	ug/kg dry	61	560	100	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.78	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
103-65-1	**n-Propylbenzene**	**160**		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
95-47-6	**o-Xylene**	**220**	J	ug/kg dry	61	560	100	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
1330-20-7P/M	**p- & m- Xylenes**	**580**	J	ug/kg dry	67	1100	100	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
99-87-6	**p-Isopropyltoluene**	**30**		ug/kg dry	0.61	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
135-98-8	**sec-Butylbenzene**	**18**		ug/kg dry	1.3	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
100-42-5	Styrene	ND		ug/kg dry	1.0	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
127-18-4	**Tetrachloroethylene**	**3.1**	J	ug/kg dry	1.3	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
108-88-3	**Toluene**	**120**		ug/kg dry	0.56	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	11	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS

Sample Information

Client Sample ID: B-2 9' **York Sample ID:** 10I0727-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10I0727	WY07054.20	Soil	September 21, 2010 3:00 pm	09/22/2010

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	09/29/2010 12:00	09/29/2010 12:00	SS
	Xylenes, Total	**1600**		ug/kg dry	2.6	34	2	EPA SW846-8260B	09/29/2010 12:00	09/29/2010 12:00	SS

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**88.9**		%	0.100	0.100	1	SM 2540G	09/29/2010 13:50	09/29/2010 12:41	MZ

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B-Dil	Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
B	Analyte is found in the associated analysis batch blank.

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. 10I0727

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies	SAME ☐	SAME ☐	WY07054.20	RUSH Same Day ____	Summary X
Address: 14 Davis Ave,	Name: Richard	Name: Brenda		RUSH Next Day ____	QA/QC Summary ____
Poughkeepsie	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				RUSH Four Day ____	ASP B Pkg ____
E-mail Addr.:	E-mail:	E-mail		Standard (5-7 days) X	Excel X
FAX No.:	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.

R. Hoover
Samples Collected/Authorized By (Signature)
R. Hoover
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-Expanded Non-Hazardous Wastes	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	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)
B-1 9'	9/22/2010	Soil	VOCs, PAHs	1x8 1x2
B-3 9'			VOCs, PAHs	
B-8 9'			VOCs, PAHs	
B-11 7.5'			VOCs	
B-13 10'			VOCs	
B-15 12'			VOCs	
B-16 11'			VOCs, PAHs	X
B-2 9'			VOCs	X

Comments

Preservation "X" those applicable: Cool 4°C___ HNO3___ H2SO4___ NaOH___ NONE___ FROZEN___

R. Hoover — 9/22/10 10:55 — Samples Relinquished By — Date/Time
Samples Relinquished By — Date/Time

Samples Received By — 9-22-10 10:35 — Date/Time
Samples Received in LAB by — 9/22/10 - 1550 — Date/Time

Temperature on Receipt 4.2 °C

APPENDIX D

Health and Safety Plan

HEALTH AND SAFETY PLAN

FOR

SITE INVESTIGATION

(INCORPORATING COMMUNITY HEALTH AND SAFETY PLAN)

7-17 Ludlow Street
City of Yonkers
Westchester County, New York

October 2013
Revised February 2014

NYSDEC Brownfields Program Site: C360079

NYSDEC SPILL FILE: 10-10142

ESI File: WY07054.50

Prepared By

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

TABLE OF CONTENTS

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 investigation services at the property located at 7-17 Ludlow Street, City of Yonkers, Westchester County, 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 7-17 Ludlow Street, City of Yonkers, Westchester County, New York. A Proposed Fieldwork Map (illustrating the configuration of the Site as well as the areas of proposed fieldwork activities) is included in the Attachments of this HASP.

1.3 Work Activities

Environmental investigation activities are detailed in the Remedial Investigation Work Plan (RIWP), dated October 2013. The specific tasks detailed in the RIWP are wholly incorporated by reference into this HASP. The RIWP was prepared to adequately delineate documented on-site environmental conditions consistent with the NYSDEC Brownfields Program. Existing known contamination consists of petroleum impacted soils.

The Scope of Work includes the extension of soil borings and a test pit; the installation of groundwater monitoring wells and the collection of soil vapor samples.

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) in on-site soils. 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 Sheet (MSDS) for gasoline has 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 RIWP 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 RIWP; 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 RIWP.

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 investigation 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: Emergency Response Telephone Numbers

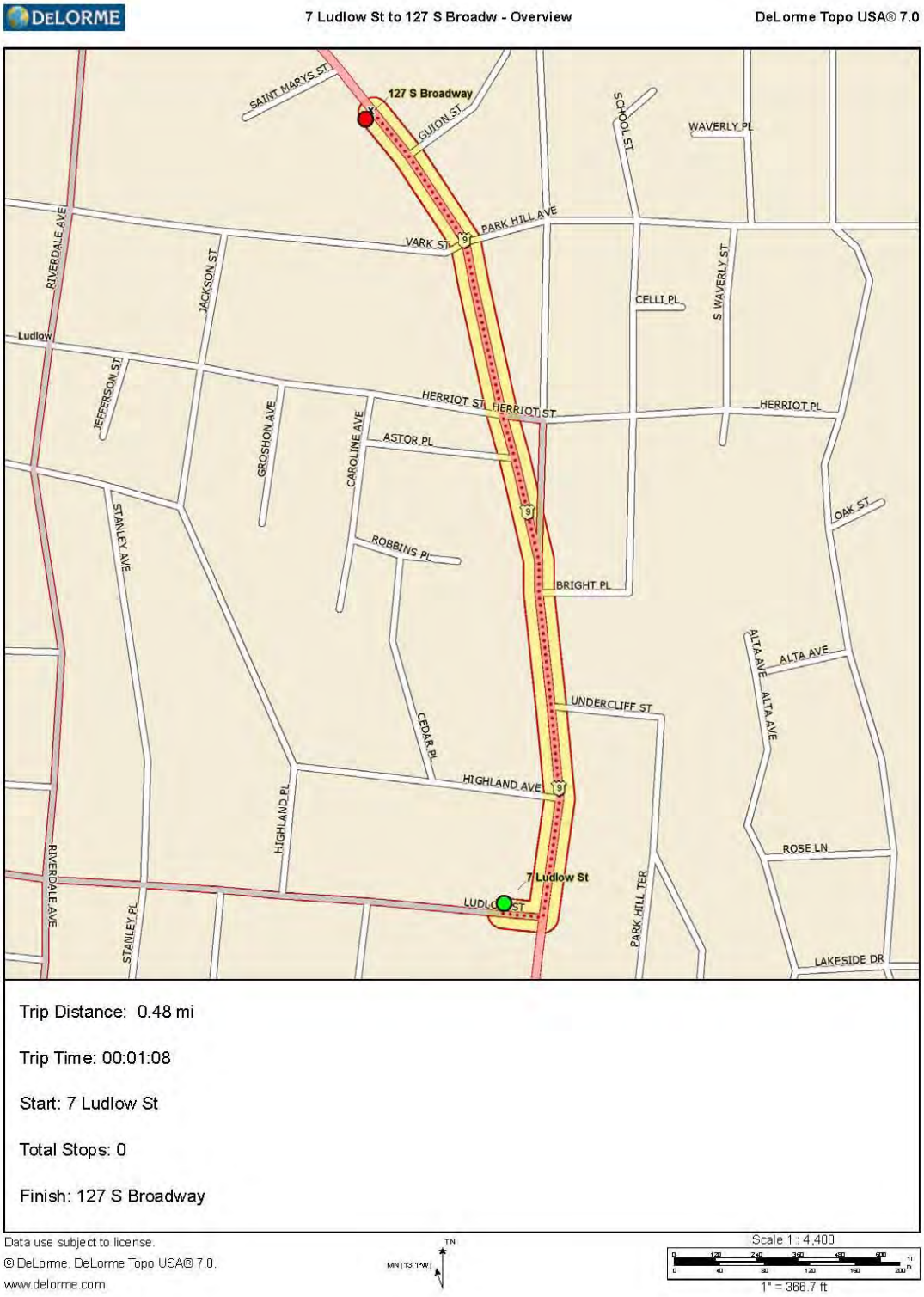
Emergency Agencies	Phone Numbers
EMERGENCY	**911**
Saint Joseph's Medical Center 127 South Broadway	(914) 378-7000 or 911
City of Yonkers Police Department	(914) 377-7252 or 911
Yonkers Fire Department	(914) 377-7555 or 911
City Hall	(914) 377-6000
Water and Sewer	(914) 966-8015

Figure 1: Directions to Hospital

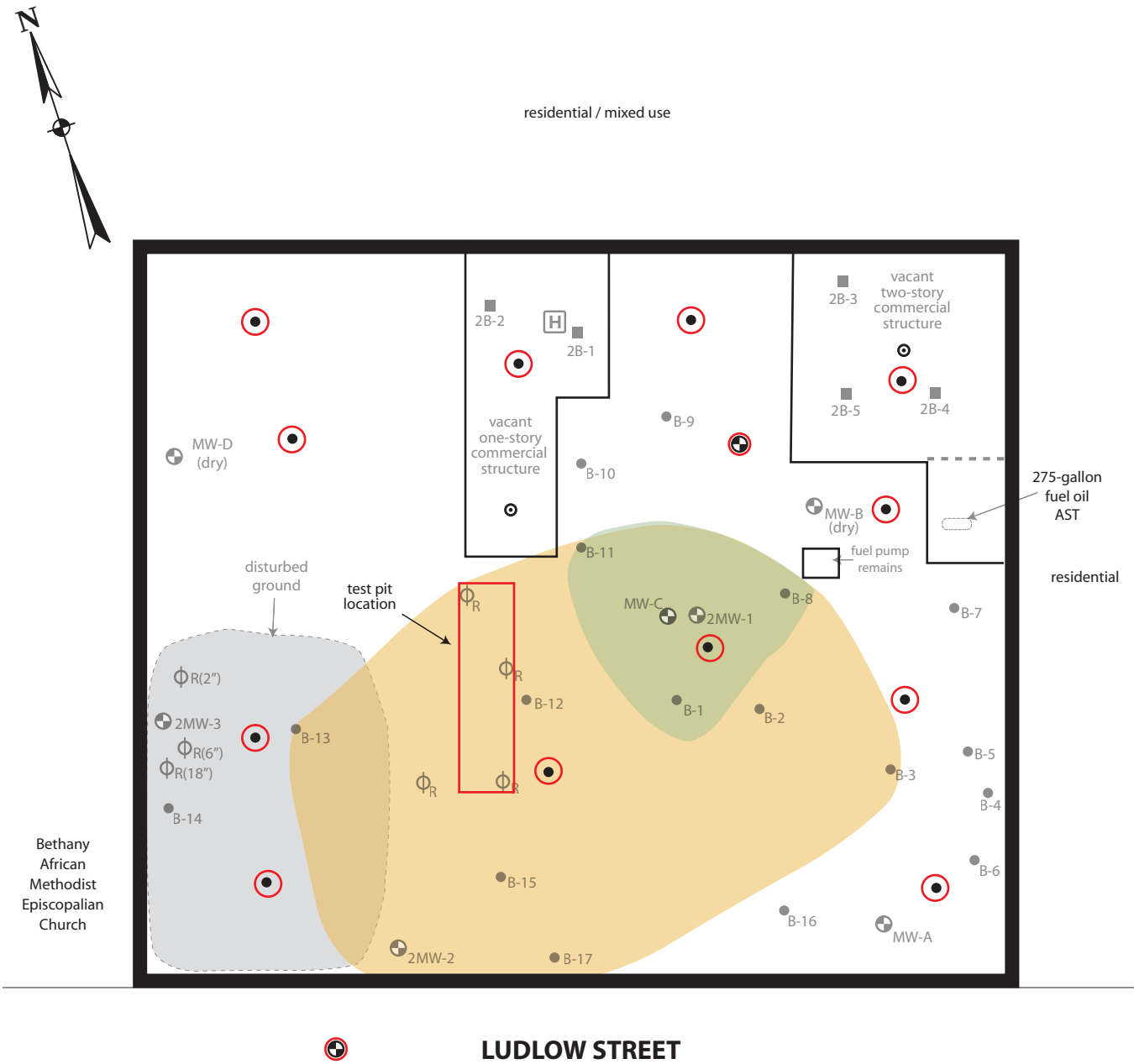
		Dist	Turn		Road	Exit	Total Time	Total Dist
			Start	at	7 Ludlow St		00:00:00	0.00 mi
			Go straight (E)	on	Ludlow St		00:00:00	0.00 mi
	in	0.02 mi	Turn left (NNW)	on to	US 9 (SR 9A|S Broadway)		00:00:03	0.02 mi
	in	0.46 mi	Finish	at	127 S Broadway		00:01:08	0.48 mi

Total Time: 00:01:08 Total Distance: 0.48 mi

Figure 2: Map to Hospital (overview)



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.

Proposed Fieldwork Map

7-17 Ludlow Street
City of Yonkers
Westchester County, New York

Legend:
- subject property border
- H hydraulic lift
- monitoring wells
- previous sample location
- sample location
- Φ_R refusal
- area of petroleum contamination at groundwater interface
- area of petroleum contaminated soil from 4' to 12'
- proposed soil vapor point
- proposed boring
- proposed monitoring well

ESI File: WY07054.50

February 2014

Scale: 1" = 30' approximately

Attachment

AMERADA HESS CORPORATION

MATERIAL SAFETY DATA SHEET

Gasoline, All Grades **MSDS No. 9950**

EMERGENCY OVERVIEW
DANGER!
EXTREMELY FLAMMABLE - EYE AND MUCOUS MEMBRANE IRRITANT - EFFECTS CENTRAL NERVOUS SYSTEM - HARMFUL OR FATAL IF SWALLOWED - ASPIRATION HAZARD

NFPA 704 (Section 16)

High fire hazard. Keep away from heat, spark, open flame, and other ignition sources.

If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs). Contact may cause eye, skin and mucous membrane irritation. Harmful if absorbed through the skin. Avoid prolonged breathing of vapors or mists. Inhalation may cause irritation, anesthetic effects (dizziness, nausea, headache, intoxication), and respiratory system effects.

Long-term exposure may cause effects to specific organs, such as to the liver, kidneys, blood, nervous system, and skin. Contains benzene, which can cause blood disease, including anemia and leukemia.

1. CHEMICAL PRODUCT and COMPANY INFORMATION (rev. Jan-04)

Amerada Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095-0961

EMERGENCY TELEPHONE NUMBER (24 hrs): **CHEMTREC (800)424-9300**
COMPANY CONTACT (business hours): Corporate Safety (732)750-6000
MSDS Internet Website www.hess.com/about/environ.html

SYNONYMS: Hess Conventional (Oxygenated and Non-oxygenated) Gasoline; Reformulated Gasoline (RFG); Reformulated Gasoline Blendstock for Oxygenate Blending (RBOB); Unleaded Motor or Automotive Gasoline

See Section 16 for abbreviations and acronyms.

2. COMPOSITION and INFORMATION ON INGREDIENTS * (rev. Jan-04)

INGREDIENT NAME (CAS No.)	CONCENTRATION PERCENT BY WEIGHT
Gasoline (86290-81-5)	100
Benzene (71-43-2)	0.1 - 4.9 (0.1 - 1.3 reformulated gasoline)
n-Butane (106-97-8)	< 10
Ethyl Alcohol (Ethanol) (64-17-5)	0 - 10
Ethyl benzene (100-41-4)	< 3
n-Hexane (110-54-3)	0.5 to 4
Methyl-tertiary butyl ether (MTBE) (1634-04-4)	0 to 15.0
Tertiary-amyl methyl ether (TAME) (994-05-8)	0 to 17.2
Toluene (108-88-3)	1 - 25
1,2,4- Trimethylbenzene (95-63-6)	< 6
Xylene, mixed isomers (1330-20-7)	1 - 15

A complex blend of petroleum-derived normal and branched-chain alkane, cycloalkane, alkene, and aromatic hydrocarbons. May contain antioxidant and multifunctional additives. Non-oxygenated Conventional Gasoline and RBOB do not have oxygenates (Ethanol or MTBE and/or TAME). Oxygenated Conventional and Reformulated Gasoline will have oxygenates for octane enhancement or as legally required.

3. HAZARDS IDENTIFICATION (rev. Dec-97)

EYES
Moderate irritant. Contact with liquid or vapor may cause 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 exposed repeatedly.

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
Contains benzene, a regulated human carcinogen. Benzene has the potential to cause anemia and other blood diseases, including leukemia, after repeated and prolonged exposure. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with systemic toxicity. See also Section 11 - Toxicological Information.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Irritation from skin exposure may aggravate existing open wounds, skin disorders, and dermatitis (rash). Chronic respiratory disease, liver or kidney dysfunction, or pre-existing central nervous system disorders may be aggravated by exposure.

4. FIRST AID MEASURES (rev. Dec-97)

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 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. 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, ensure an open airway and 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 (rev. Dec-97)

FLAMMABLE PROPERTIES:

FLASH POINT:	-45 ^{o}F (-43^{o}C)
AUTOIGNITION TEMPERATURE:	highly variable; > 530 ^{o}F (>280 ^{o}C)
OSHA/NFPA FLAMMABILITY CLASS:	1A (flammable liquid)
LOWER EXPLOSIVE LIMIT (%):	1.4%
UPPER EXPLOSIVE LIMIT (%):	7.6%

FIRE AND EXPLOSION HAZARDS

Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. Flowing product may be ignited by self-generated static electricity. 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.

During certain times of the year and/or in certain geographical locations, gasoline may contain MTBE and/or TAME. Firefighting foam suitable for polar solvents is recommended for fuel with greater than 10% oxygenate concentration - refer to NFPA 11 “Low Expansion Foam - 1994 Edition.”

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 (rev. Dec-97)

ACTIVATE FACILITY SPILL CONTINGENCY or EMERGENCY 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 - caution, flammable vapors may accumulate in closed containers. Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

7. HANDLING and STORAGE (rev. Dec-97)

HANDLING PRECAUTIONS

******USE ONLY AS A MOTOR FUEL******
******DO NOT SIPHON BY MOUTH******

Handle as a flammable liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. 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 higher flash point material (such as fuel oil) is loaded into tanks previously containing low flash point products (such as this product) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents.

STORAGE PRECAUTIONS

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. 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 on the skin. Do not use solvents 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 (rev. Jan-04)

EXPOSURE LIMITS

Component (CAS No.)	Source	Exposure Limits TWA (ppm)	STEL (ppm)	Note
Gasoline (86290-81-5)	ACGIH	300	500	A3
Benzene (71-43-2)	OSHA	1	5	Carcinogen
	ACGIH	0.5	2.5	A1, skin
	USCG	1	5	
n-Butane (106-97-8)	ACGIH	800	--	2003 NOIC: 1000 ppm (TWA) Aliphatic Hydrocarbon Gases Alkane (C1-C4)
Ethyl Alcohol (ethanol) (64-17-5)	OSHA	1000	--	
	ACGIH	1000	--	A4
Ethyl benzene (100-41-4)	OSHA	100	--	
	ACGIH	100	125	A3

Component (CAS No.)	Exposure Limits			
	Source	TWA (ppm)	STEL (ppm)	Note
n-Hexane (110-54-3)	OSHA	500	--	
	ACGIH	50	--	skin
Methyl-tertiary butyl ether [MTBE] (1634-04-4)	ACGIH	50		A3
Tertiary-amyl methyl ether [TAME] (994-05-8)				None established
Toluene (108-88-3)	OSHA	200		Ceiling: 300 ppm; Peak: 500 ppm (10 min.)
	ACGIH	50	--	A4 (skin)
1,2,4- Trimethylbenzene (95-63-6)	ACGIH	25	--	
Xylene, mixed isomers (1330-20-7)	OSHA	100	--	
	ACGIH	100	150	A4

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 or neoprene are recommended. Chemical protective clothing such as that made of of E.I. DuPont Tychem ®, products or equivalent is 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-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 and limitations.

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 (rev. Jan-04)

APPEARANCE

A translucent, straw-colored or light yellow liquid

ODOR

A strong, characteristic aromatic hydrocarbon odor. Oxygenated gasoline with MTBE and/or TAME may have a sweet, ether-like odor and is detectable at a lower concentration than non-oxygenated gasoline.

ODOR THRESHOLD

	Odor Detection	Odor Recognition
Non-oxygenated gasoline:	0.5 - 0.6 ppm	0.8 - 1.1 ppm
Gasoline with 15% MTBE:	0.2 - 0.3 ppm	0.4 - 0.7 ppm
Gasoline with 15% TAME:	0.1 ppm	0.2 ppm

BASIC PHYSICAL PROPERTIES

BOILING RANGE:	85 to 437 ^{o}F (39 to 200 ^{o}C)
VAPOR PRESSURE:	6.4 - 15 RVP @ 100 ^{o}F (38 ^{o}C) (275-475 mm Hg @ 68 ^{o}F (20 ^{o}C)
VAPOR DENSITY (air = 1):	AP 3 to 4
SPECIFIC GRAVITY (H_2O = 1):	0.70 – 0.78
EVAPORATION RATE:	10-11 (n-butyl acetate = 1)
PERCENT VOLATILES:	100 %

SOLUBILITY (H_2O): Non-oxygenated gasoline - negligible (< 0.1% @ 77 ^oF). Gasoline with 15% MTBE - slight (0.1 - 3% @ 77 ^oF); ethanol is readily soluble in water

10. STABILITY and REACTIVITY (rev. Dec-94)

STABILITY: Stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID

Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources

INCOMPATIBLE MATERIALS

Keep away from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke). Contact with nitric and sulfuric acids will form nitrocresols that can decompose violently.

11. TOXICOLOGICAL PROPERTIES (rev. Dec-97)

ACUTE TOXICITY

Acute Dermal LD50 (rabbits): > 5 ml/kg
Acute Oral LD50 (rat): 18.75 ml/kg
Primary dermal irritation (rabbits): slightly irritating
Draize eye irritation (rabbits): non-irritating
Guinea pig sensitization: negative

CHRONIC EFFECTS AND CARCINOGENICITY

Carcinogenicity: OSHA: NO IARC: YES - 2B NTP: NO ACGIH: YES (A3)

IARC has determined that gasoline and gasoline exhaust are possibly carcinogenic in humans. Inhalation exposure to completely vaporized unleaded gasoline caused kidney cancers in male rats and liver tumors in female mice. The U.S. EPA has determined that the male kidney tumors are species-specific and are irrelevant for human health risk assessment. The significance of the tumors seen in female mice is not known. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with effects to the central and peripheral nervous systems, liver, and kidneys. The significance of these animal models to predict similar human response to gasoline is uncertain.

This product contains benzene. Human health studies indicate that prolonged and/or repeated overexposure to benzene may cause damage to the blood-forming system (particularly bone marrow), and serious blood disorders such as aplastic anemia and leukemia. Benzene is listed as a human carcinogen by the NTP, IARC, OSHA and ACGIH.

This product may contain methyl tertiary butyl ether (MTBE): animal and human health effects studies indicate that MTBE may cause eye, skin, and respiratory tract irritation, central nervous system depression and neurotoxicity. MTBE is classified as an animal carcinogen (A3) by the ACGIH.

12. ECOLOGICAL INFORMATION (rev. Jan-04)

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations. If released, oxygenates such as ethers and alcohols will be expected to exhibit fairly high mobility in soil, and therefore may leach into groundwater. The API (www.api.org) provides a number of useful references addressing petroleum and oxygenate contamination of groundwater.

13. DISPOSAL CONSIDERATIONS (rev. Dec-97)

Consult federal, state and local waste regulations to determine appropriate disposal options.

14. TRANSPORTATION INFORMATION (rev. Jan-04)

DOT PROPER SHIPPING NAME:	Gasoline
DOT HAZARD CLASS and PACKING GROUP:	3, PG II
DOT IDENTIFICATION NUMBER:	UN 1203
DOT SHIPPING LABEL:	FLAMMABLE LIQUID

PLACARD:

15. REGULATORY INFORMATION (rev. Jan-04)

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 federal, state, or local regulations; 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) or, if not practical, the U.S. Coast Guard with follow-up to the National Response Center, 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 contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

INGREDIENT NAME (CAS NUMBER)	CONCENTRATION WT. PERCENT
Benzene (71-43-2)	0.1 to 4.9 (0.1 to 1.3 for reformulated gasoline)
Ethyl benzene (100-41-4)	< 3
n-Hexane (110-54-3)	0.5 to 4
Methyl-tertiary butyl ether (MTBE) (1634-04-4)	0 to 15.0
Toluene (108-88-3)	1 to 15
1,2,4- Trimethylbenzene (95-63-6)	< 6
Xylene, mixed isomers (1330-20-7)	1 to 15

US EPA guidance documents (www.epa.gov/tri) for reporting Persistent Bioaccumulating Toxics (PBTs) indicate this product may contain the following deminimis levels of toxic chemicals subject to Section 313 reporting:

INGREDIENT NAME (CAS NUMBER)	CONCENTRATION - Parts per million (ppm) by weight
Polycyclic aromatic compounds (PACs)	17
Benzo (g,h,i) perylene (191-24-2)	2.55
Lead (7439-92-1)	0.079

CANADIAN REGULATORY INFORMATION (WHMIS)

Class B, Division 2 (Flammable Liquid)
Class D, Division 2A (Very toxic by other means) and Class D, Division 2B (Toxic by other means)

16. OTHER INFORMATION (rev. Jan-04)

NFPA® HAZARD RATING	HEALTH:	1	Slight
	FIRE:	3	Serious
	REACTIVITY:	0	Minimal
HMIS® HAZARD RATING	HEALTH:	1 *	Slight
	FIRE:	3	Serious
	REACTIVITY:	0	Minimal
	* CHRONIC		

SUPERSEDES MSDS DATED: 12/30/97

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	Workplace Hazardous Materials Information System (Canada)

APPENDIX E

Community Air Monitoring Plan

New York State Department of Health
Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to

leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored **continuously** at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.