SUMMARY REPORT

OF

SUBSURFACE INVESTIGATION

Athens Boat Yard Property

35 South Washington Street
Town of Athens, Greene County, New York

March 11, 2010

ESI File: AA06166.21

Prepared By:

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Poughkeepsie, New York 12603

Prepared For:

BWA New York
611 Broadway, Suite 311
New York, New York

The undersigned has reviewed this Summary Report of Subsurface Investigation and certifies to BWA New York that the information provided in this document is accurate as of the date of issuance by this office.

Any and all questions or comments, including requests for additional information, should be submitted to the undersigned.

Paul H. Ciminello
President

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 Purpose

This Summary Report of Subsurface Investigation (Report**)** documents environmental fieldwork performed by Ecosystems Strategies, Inc. (ESI) at the Athens Boat Yard property, located at 35 South Washington Street, Town of Athens, Greene County, New York. Investigative and analytical work was performed to document the presence or absence of groundwater impacts related to previously identified lead-impacted soils, identified during subsurface investigations conducted by Kaaterskill Engineering Associates, P.C. in 2002, and by ESI in 2006 (see Section 1.4, below), and to document environmental conditions of areas of the Site not previously investigated. The specific purpose of this Report is to summarize the work performed by ESI and ESI's subcontractors, and to suggest, if appropriate, further investigative and/or remedial options regarding identified on-site conditions.

This Report describes all fieldwork methodologies for the work conducted by this office, includes discussions of the resulting analytical data from collected samples, and provides conclusions and recommendations drawn from the fieldwork and analytical data.

1.2 Limitations

This written analysis summarizes the site characterization activities conducted on a specified portion of the above-referenced property and is not relevant to other portions of this property or any other property. It is a representation of those portions of the property analyzed as of the respective dates of fieldwork. This Report cannot be held accountable for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Report were performed in accordance with generally accepted practices and established New York State Department of Environmental Conservation (NYSDEC) protocols. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgement.

1.3 Site Location and Description

The property is an approximately 3.4-acre parcel located on the eastern side of South Washington Street directly west of the Hudson River. The property is occupied by a large structure that consists of office space, boat building/repair space, and warehouse space. A gravel parking area is located on the western and southwestern portions of the property, and grass and wooded areas are located to the south and east. The building is reported to have been used for manufacturing purposes since its construction in the late 1800s. The structure currently houses the Athens Boat Yard, which manufactures electric boats and launches.

The specified portion of the property on which the environmental investigation was conducted (hereafter referred to as the "Site") includes the southwestern exterior portion of the property in the area of the loading dock and the gravel parking area. A Site Location and a Fieldwork Map indicating specific Site characteristics are provided as Figure 1 and Figure 2 in Appendix A.

Site Topography and Hydrogeology

During the course of the fieldwork, shallow groundwater was noted to be present at the Site at depths of approximately three to five feet below surface grade (bsg) at all boring locations (MW-1 to MW-4, and B-1 to B-4) (see Appendix B, Fieldwork Observations Table). Previous fieldwork at the Site (see Section 1.4, below) documented the presence of groundwater between 1 and 4 feet bsg.

1.4 Previous Environmental Reports

A Phase II Environmental Site Assessment (KEA Phase II), performed on the property by Kaaterskill Engineering Associates, P.C. (KEA) in May 2002, identified elevated lead at two soil borings located in the loading dock area. These impacts were observed in composite soil samples obtained from depths of zero to eight feet bsg.

A Subsurface Investigation Report (2006 SSI Report) was issued by ESI in December 2006. The objectives of the work conducted by ESI were to further delineate the lead impacts in the loading dock area and to recommend additional investigative work or remedial options if warranted. Eleven soil borings were extended in the loading dock area and immediately east of the loading dock area, adjacent to the Hudson River. Concentrations of lead above BCP Restricted Use, "Industrial" SCOs (6 NYCRR Part 375, Table 375-6.8[b]) were detected in borings located in the southwestern area of the loading dock yard (see Figure 3, Metals Impacted Soils Map, Appendix A). Significant lead concentrations were restricted to the upper four feet of soil. Elevated levels of Toxicity Characteristic Leachate Procedure (TCLP) lead were detected in the southwestern area of the loading dock yard suggesting that the lead in the soil has the potential to leach into the groundwater and/or nearby surface water (Hudson River). ESI recommended that monitoring wells be installed to document potential groundwater impacts related to the elevated concentrations of TCLP lead, and that lead-impacted soils be excavated and disposed of in accordance with applicable regulations.

2.0 SUBSURFACE INVESTIGATION

2.1 Summary of Services

In order to achieve the purpose specified in Section 1.1, above, ESI extended eight soil borings at the Site (four of these borings were completed as groundwater monitoring wells) and submitted soil samples and groundwater samples for laboratory analysis. This Report is divided into individual sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present ESI's conclusions and recommendations (Section 3.0).

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2.2 Fieldwork Methodology

2.2.1 Site Preparation Services

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings. A drilling subcontractor was selected and a Health and Safety Plan (HASP) was prepared and subsequently reviewed with the driller.

2.2.2 Extension of Soil Borings

Eight mechanized soil borings were extended on the Site on February 4, 2010. Four borings (MW-1 to MW-4) were located in areas to the east and west of the loading dock, where elevated concentrations of lead were previously detected in soil samples. These borings were completed as monitoring wells. Four other borings (B-1 to B-4) were extended on the southwestern portion of the property in areas not previously investigated (see the Fieldwork Map in Appendix A for the locations of the borings and monitoring wells).

All soil borings were extended by personnel from Soiltesting, Inc. using a truck-mounted auger equipped with a hollow stem auger and split-spoon sampler. Sampling was conducted at each boring location to a maximum depth of fifteen feet below grade. Soils at MW-1 to MW-4 were sampled at the surface (0-4"), at the groundwater interface (3-4') and at the bottom of well (12-13'). Soils at B-1 to B-4 were sampled at two foot intervals. The sampling instrument was decontaminated prior to the initiation of fieldwork and after the collection of each sample. Decontamination procedures were consistent with established NYSDEC protocols.

A MiniRAE 2000 (Model PGM 7600) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

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

Samples of soil material were collected from each of the soil borings where appropriate (see Section 2.2.5 for specifics regarding sample collection methodology) and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses.

Subsurface soils encountered at the Site during the extension of the soil borings generally consisted of dark blackish-brown, moist, dense, silty clays with rock and/or brick inclusions. Groundwater was generally encountered during the extension of the soil borings at approximately three to five feet below surface grade (bsg).

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

2.2.3 Monitoring Well Installation and Development

Soil borings MW-1, MW-2, MW-3, and MW-4 were completed as permanent monitoring wells. Each well was constructed of two-inch PVC casing and 0.01-inch slotted PVC well screening (screen interval generally from 5 to 15 feet below grade). The annular space between the well screen and the borehole was backfilled with clean #1 silica sand and a one-foot thick bentonite seal was poured above the sand. The annular space above the bentonite seal was then grouted with cement. Well casings were equipped with gripper caps and were finished with "drive-over" covers. The height of each well casing was surveyed to a vertical accuracy of 0.01 foot, relative to a fixed, on-site artificial benchmark elevation of 100', for use in determining relative groundwater elevations prior to sampling activities (see 2.2.4, below).

Monitoring wells were developed on February 11, 2010, in order to clear fine-grained material that might have settled around the well screen and to enhance the natural hydraulic connection between the well screen and the surrounding soils. Prior to development, each monitoring well casing was opened and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. Water removed from each monitoring well was visually inspected for indications of contamination. Development was conducted using dedicated plastic tubing and a submergible pump, and was considered complete when purged water was observed to be clear. No evidence of contamination (odors, sheens, or positive PID readings) was noted during well development and purge water was discharged to the ground at the (downgradient) portion of the Site.

2.2.4 Direction of Groundwater Flow

The direction of groundwater flow was determined based on elevations of static groundwater, measured prior to water quality sample collection using an electronic depth meter accurate to the nearest 0.01-foot. Groundwater was recorded to be between 1.81' and 3.05' bsg and the direction of groundwater flow was determined to be in a southeasterly direction (see the Fieldwork Map, Appendix A).

2.2.5 Sample Collection

All samples collected by ESI were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. All field personnel wore dedicated, disposable gloves, and all samples were placed into laboratory supplied containers. Soil samples were collected directly from the split spoon sampler.

Purging and sampling of monitoring wells was conducted on February 11, 2010. The volume of groundwater in each well was calculated (based on well depth and depth to water measurements) and at least one purge volume of water (three times the static well volume) was removed, using dedicated plastic tubing and a peristaltic pump, before groundwater samples were collected. Groundwater samples were collected into 250 mL containers, preserved with acid as appropriate for the specific analysis. No groundwater samples were filtered prior to submission to the laboratory.

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

2.3 Laboratory Analysis

2.3.1 Terminology

Guidance Levels

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

Guidance levels for all compounds detected in soils are based on the NYSDEC Brownfields Program (6 NYCRR Part 375-6) Table 375-6.8(b): Restricted Use Soil Cleanup Objectives (SCOs), "Protection of Public Health" Industrial category.

Guidance levels for groundwater are based on the NYSDEC Division of Water Technical & Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998, as modified through June 2004 (TOGS 1.1.1).

All data presented in this Report have been analyzed in accordance with applicable guidance levels.

Background Levels

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

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

2.3.2 Sample Submission

Submission of samples for laboratory analysis was based on observations made by ESI personnel during the extension of the soil borings, including the presence or absence of elevated PID readings, unusual odors, discoloration, or, any other unusual patterns.

Groundwater samples MW-1 to MW-4 were submitted for laboratory analysis of total and dissolved lead using United States Environmental Protection Agency (USEPA) Method 6010. Soil samples MW-1 (0-4"), and MW-2 (0-4") were submitted for laboratory analysis of target analyte (TAL) Metals using various USEPA methods and polychlorinated biphenyls (PCBs) using USEPA Method 8082. Soil samples MW-1 (3-4'), MW-1 (12-13'), MW-2 (3-4'), MW-2 (12-13'), MW-3 (0-4"), MW-3 (3-4'), MW-3 (12-13'), MW-4 (0-4"), MW-4 (3-4'), and MW-4 (12-13') were submitted for laboratory analysis of total lead.

Soil samples B-1 (5-6'), B-2 (5-6'), B-3 (3-4'), and B-4 (3-4') were submitted for laboratory analysis of volatile organic compounds (VOCs) using USEPA Method 8260, polycyclic aromatic hydrocarbons (PAHs) using USEPA Method 8270, and TAL metals. In addition, soil samples B-1, B-3, and B-4 were submitted for laboratory analysis of PCBs.

2.3.3 Laboratory Results and Discussion

A summary of the results of the laboratory analyses conducted on soil and water samples is presented below. Data summary tables and the laboratory reports are provided in Appendices B and C, respectively, recommendations regarding these findings are located in Section 3.0.

Groundwater

Total Lead

Elevated concentrations of total (suspended) lead were detected above the guidance level of 0.025 parts per million (ppm) at MW-1 (0.0743 ppm), MW-3 (0.252 ppm), and MW-4 (0.141 ppm). A low-level concentration of total lead (0.00540 ppm) was detected at MW-2.

Dissolved Lead

Dissolved lead was not detected in any of the groundwater samples above the minimum detection limits.

Soils

TAL Metals

Slightly elevated concentrations of arsenic were detected above the guidance level of 16 parts per million (ppm) in MW-1 [0-4"] (17.6 ppm), and in B-4 [3-4'] (16.3 ppm). Low-level concentrations of arsenic were detected below guidance levels at MW-2 (0-4"); B-1 (5-6'); B-2 (5-6'); and, B-3 (3-4'); the peak low-level detection was 10.7 ppm at B-3; the average low-level concentration was 8.91 ppm.

Lead was detected above the industrial guidance level of 3,900 ppm at MW-2 (3-4') (11,500 ppm). Low-level concentrations of lead were detected below guidance levels at all other sampling locations.

Low-level concentrations of all other TAL metals, with the exception of silver and thallium, were detected at the other sampling locations sampled for TAL metals.

VOCs

Low-level, estimated concentrations of methylene chloride and toluene were detected well below guidance levels in samples B-1 to B-4. Low-level, estimated concentrations of p-&m-xylenes were detected well below guidance levels in B-2 and B-3. A low-level, estimated concentration of naphthalene was detected well below the guidance level in B-2. No other VOCs were detected in the samples.

PAHs

Low-level concentrations of PAH compounds were detected well below guidance levels in B-1, B-2, and B-3; no PAHs were detected in B-4.

PCBs

No PCBs were detected in any samples submitted for analysis.

Discussion of Results

Laboratory analysis of groundwater samples for the presence of total and dissolved lead did not document the presence of dissolved lead in any of the samples, indicating that lead in on-site soils is not dissolving into the local groundwater supply. The concentrations of total lead in the groundwater samples indicate that the presences of lead is likely due to soil particulates suspended in the samples.

Laboratory analysis of soil samples documents an elevated concentration of lead in sample MW-2 at the three to four foot bsg range, consistent with previous investigations. Slightly elevated concentrations of arsenic were also detected at two sampling locations. The lead results appear to document areas near the on-site loading dock with significantly elevated levels of lead (i.e., above the SCO for industrial use, or 3,900 ppm) with more widespread areas of lead at levels above the restricted residential SCO (400 ppm).

The absence of any dissolved lead in the groundwater coupled with elevated levels of lead in the soil may indicate the presence of sufficient organic material in the soil column to prevent any movement of the lead. Currently, the data suggest that the on-site lead does not represent a threat to groundwater or the nearby Hudson River.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0 on specified portions of the Athens Boatyard property, located at 35 South Washington Street, Town of Athens, Greene County, New York. Services included the extension of eight soil borings (four of which were completed as shallow groundwater monitoring wells) on the southern portion of the Site to document impacts to groundwater due to the presence of lead in on-site soils and to document conditions in areas of the property not previously investigated.

Based on the services provided and data generated, the following conclusions and recommendations (in **bold**) have been made.

1. Elevated concentrations of lead have been documented in on-site soils, from both prior testing and analyses completed during this work. On-site lead contamination in soils is restricted to areas near the loading dock.

2. Soil testing for other metals and for other constituents was completed as part of this work. No evidence of contamination from these other compounds was documented in these results, with the exception of slightly elevated levels of arsenic in two soil samples.

3. Dissolved lead was not detected in any of the four groundwater samples, indicating that the presence of lead in on-site soils is not impacting on-site groundwater and not likely to migrate towards the adjoining Hudson River.

4. No field evidence of petroleum contamination was encountered in the soil borings completed in the parking area and laboratory data document an absence of significant concentrations of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and PCBs in any of the soil samples. The potential exists for impacted soils to be present beneath the on-site buildings.

   It is recommended that remedial activities be conducted consistent with Site redevelopment activities; however, at a minimum it is recommended that soils with total weight lead levels greater than 3,900 ppm be removed from the Site. It is recommended that a copy of this report be provided to the NYSDEC.

APPENDIX A

Maps

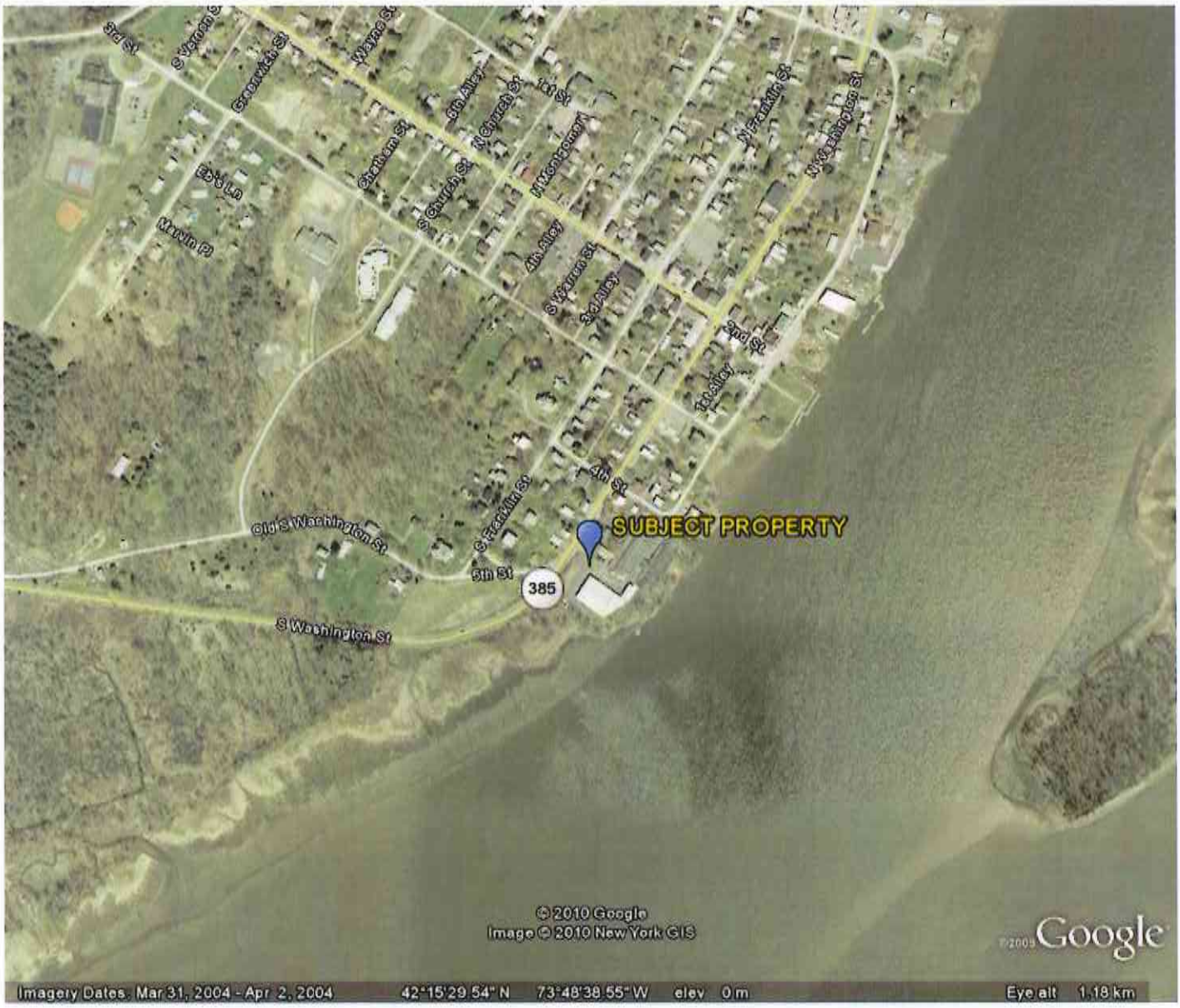

Figure 1 - Site Location Map
Athens Boat Yard
35 South Washington Street
Town of Athens
Greene County, New York

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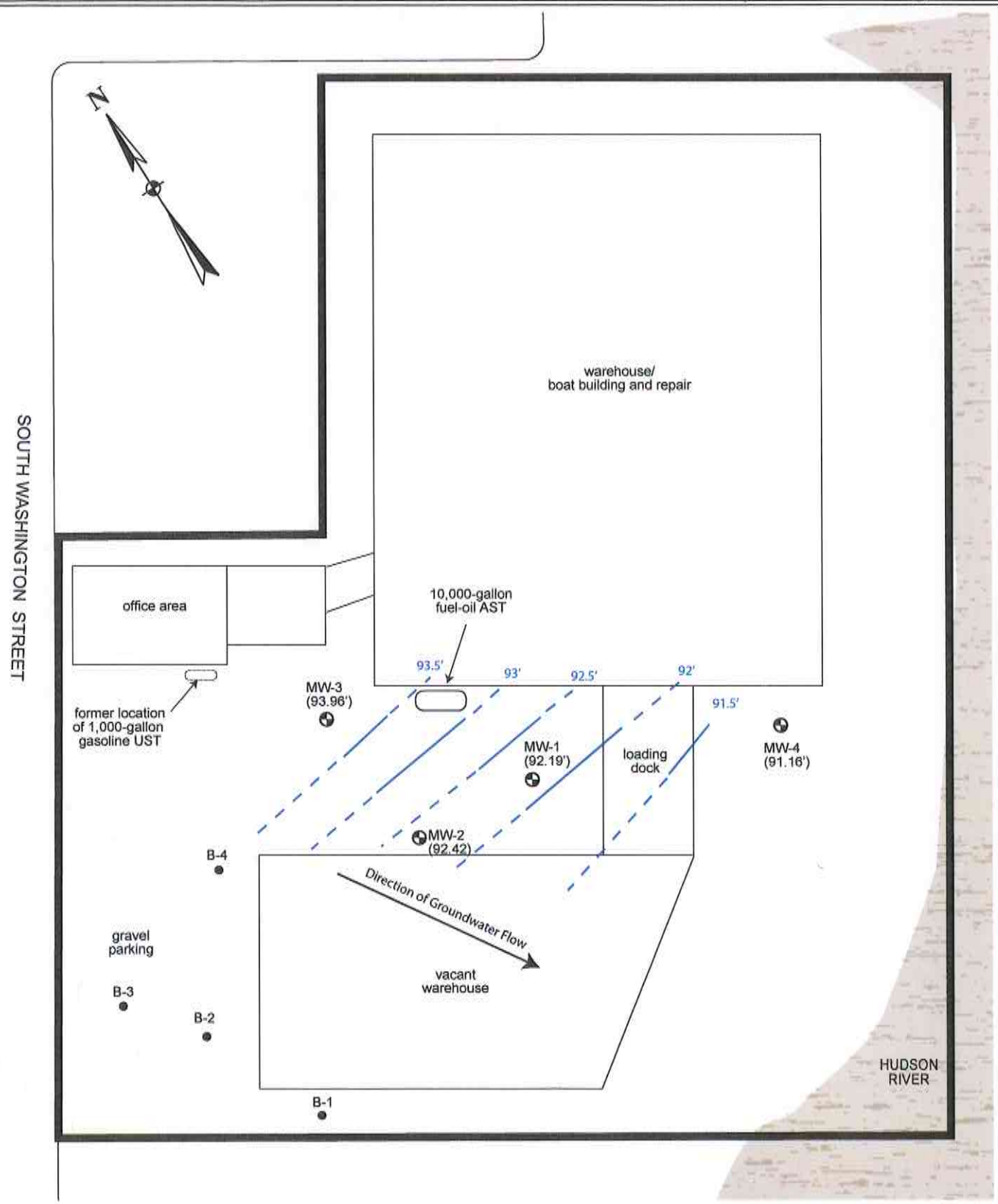
March 2010

Appendix A

Ecosystems Strategies, Inc.



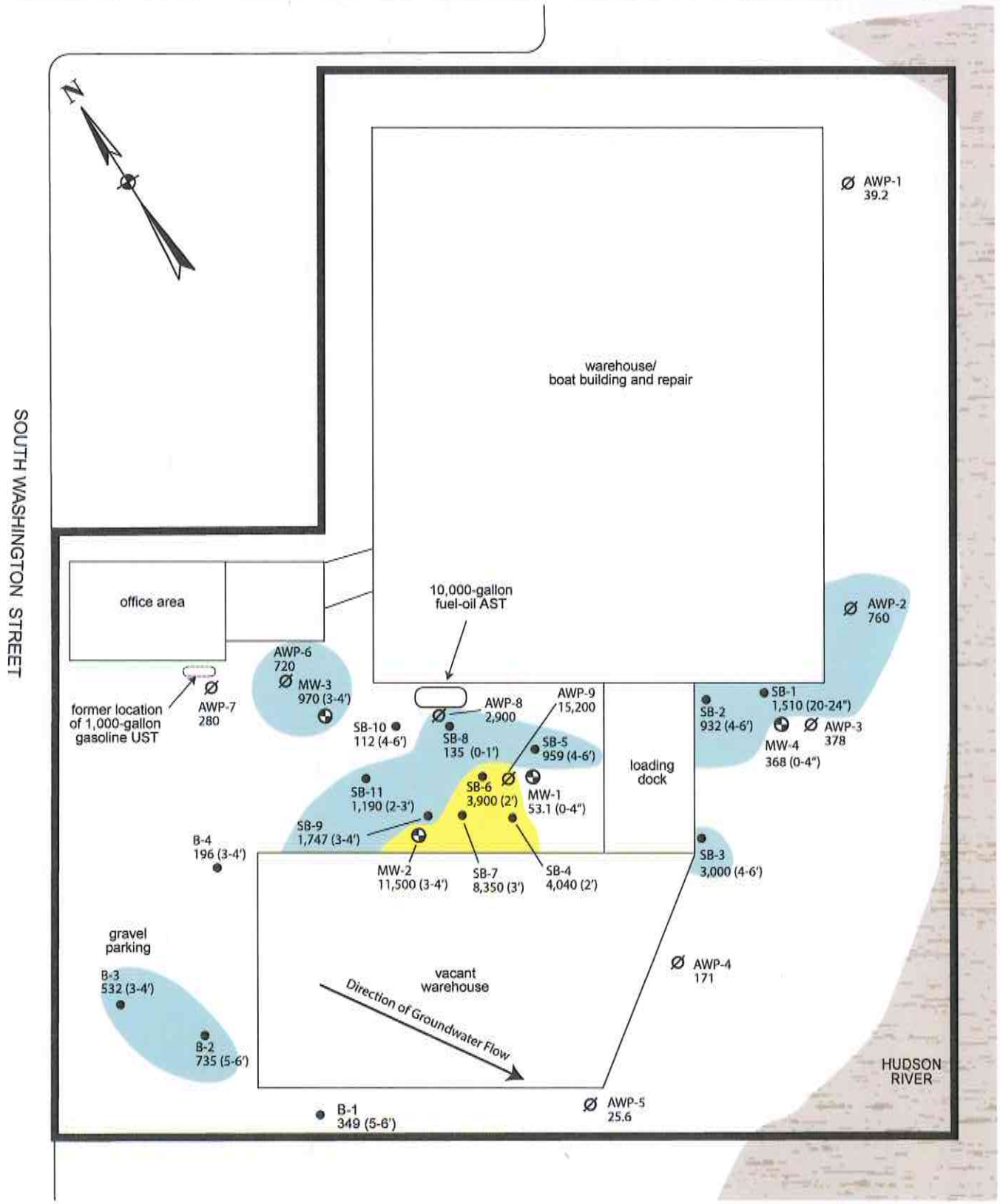
All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Figure 2 - Fieldwork Map (February 2010)
Athens Boat Yard
35 South Washington Street
Town of Athens
Greene County, New York

Legend:
- subject property
- monitoring well locations
- boring locations (February 2010)
- contour lines

ESI File: AA06166.21
March 2010
Scale: 1" = 60' 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 - Metals Impacted Soils Map
Athens Boat Yard
35 South Washington Street
Town of Athens
Greene County, New York

Legend:
- subject property
- monitoring well locations
- Ø KEA boring locations (May 2002)
- ● ESI boring locations (SB samples are from 2006, B samples are from Feb 2010)
  - B-1 = sample ID
  - # concentration of lead in ppm (depth)
- Lead in soils above Industrial SCOs
- Lead in soils above Restricted Residential SCOs

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March 2010
Scale: 1" = 60' approximately
Appendix A

APPENDIX B

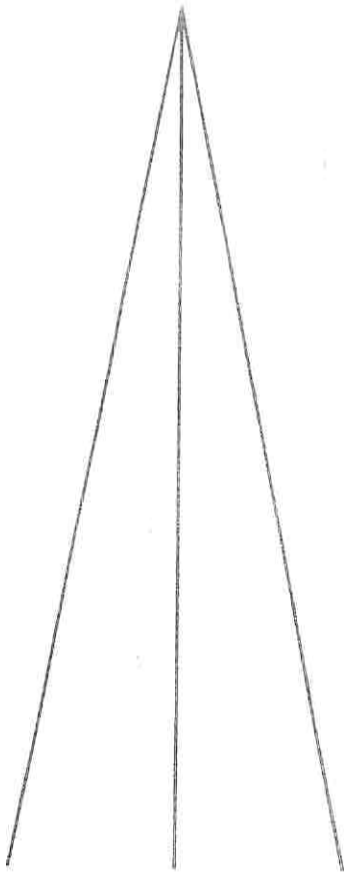
Fieldwork Observations Table and Well Completion Drawings

Appendix B: Fieldwork Observations Table

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
MW-1	West of loading dock	(0-5')	Very moist to wet, orangish-brown silty sand,with gravel inclusions	Yes (3.5')	0.0 ppm	No evidence of contamination
		(5-10')	Wet, brown organic silty clay		0.0 ppm	No evidence of contamination
		(10-15')	Wet, grayish-brown silty clay		0.0 ppm	No evidence of contamination
MW-2	Southwest of MW-1, near vacant warehouse	(0-5')	Very moist to wet, brown silty sand, with gravel inclusions	Yes (3.5')	0.0 ppm	No evidence of contamination
		(5-10')	Wet, brown organic silty clay		0.0 ppm	No evidence of contamination
		(10-15')	Wet, grayish-brown organic silty clay		0.0 ppm	No evidence of contamination
MW-3	Northwest of MW-1 near entrance to office	(0-5')	Very moist to wet, brown silty sand, with gravel inclusions	Yes (3.5')	0.0 ppm	No evidence of contamination
		(5-10')	Wet, brown sandy/silty clay, with gravel and cobble inclusions		0.0 ppm	No evidence of contamination
		(10-13')	Wet, brown sandy/silty clay, with gravel and cobble inclusions		0.0 ppm	No evidence of contamination
MW-4	East of loading dock, near Hudson River	(0-5')	Very moist to wet, dark brown silty sand, with gravel and brick inclusions	Yes (4')	0.0 ppm	No evidence of contamination
		(5-10')	Wet, grayish-brown organic silty clay		0.0 ppm	No evidence of contamination
		(10-15')	Wet, grayish-black organic silty clay		0.0 ppm	No evidence of contamination
B-1	South of southwest corner of vacant warehouse	(0-2')	Dry, brown silty clay, with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(2-4')	Moist, grayish silty clay with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(4-6')	Wet, grayish-brown silty clay with gravel inclusions	Yes (5')	0.0 ppm	No evidence of contamination
B-2	Northwest of southwest corner of vacant warehouse building	(0-2')	Dry, brown silty clay, with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(2-4')	Moist, grayish silty clay, with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(4-6')	Wet, grayish-brown silty clay with gravel inclusions	Yes (5')	0.0 ppm	No evidence of contamination
B-3	West of vacant warehouse building	(0-2')	Dry, brown silty clay, with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(2-4')	Wet, grayish-brown silty clay, with gravel inclusions	Yes (3')	0.0 ppm	No evidence of contamination
B-4	Northwest corner of vacant warehouse building	(0-2')	Dry, brown silty clay, with gravel inclusions	No	0.0 ppm	No evidence of contamination
		(2-4')	Wet, grayish-brown silty clay, with gravel inclusions	Yes (3')	0.0 ppm	No evidence of contamination

SOILTESTING, INC.

TO ..... Ecosystems Strategies Inc. ..... DATE ..... February 18, 2010 .
ADDRESS ..... 24 Davis Avenue, Poughkeepsie, NY 12603-2332 .....
SITE LOCATION ..... Athens Boat Yard, 35 South Washington Ave, Athens, NY .....
REPORT SENT TO ..... Colleen Rider .....
SAMPLES SENT TO ..... Storage (Max. 60 days) .....



140 Oxford Road
Oxford, Connecticut 06478
203-888-4531

Branch Office:
White Plains, New York 10607
914-946-4850

JOB NO.
E6-8593-10

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. B-1/B-2
	PROJECT NO. E6-8593-10	
	PROJECT NAME Athens Boat Yard	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/mr	LOCATION 35 South Washington Ave Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR TYPE HSA / SS SIZE I.D. 4 ¼" / 1 3/8" HAMMER WT. 140# BIT HAMMER FALL 30"	OFFSET DATE START 2/4/10 DATE FINISH 2/4/10 SURFACE ELEV. GROUND WATER ELEV.
GROUND WATER OBSERVATIONS AT 4'0" FT AFTER 0 HOURS AT FT AFTER HOURS		

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	16"	2'0"	62 / 41		dry		brn F-C SAND & F GRAVEL
							15 / 7		v dense		drk brn PEAT, sm organic silt
		2	ss	24"	6"	4'0"	10 / 12		moist	3'0"	
							24 / 32		dense		gry CLAY, silt, sm FM sand, tr F gravel
5		3	ss	24"	3"	6'0"	6 / 8		wet		
							18 / 21		compact		brn/gry CLAY, silt, F gravel
											E.O.B. 6'0"
10											
15											
	GROUND WATER OBSERVATIONS AT 4'0" FT AFTER 0 HOURS AT FT AFTER HOURS								B-2		
0		1	ss	24"	14"	2'0"	86 / 71		moist		brn F-C SAND & SILT, lit F gravel, clay
							34 / 20		v dense		
		2	ss	24"	16"	4'0"	13 / 11		wet	3'6"	SAME
							10 / 14		compact	4'0"	drk brn PEAT, sm silt, FM sand
5		3	ss	24"	8"	6'0"	14 / 30		wet		gry/brn C-M SAND, sm F gravel
							22 / 25		v dense		
											E.O.B. 6'0"
10											
15											
20											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. B-1/B-2

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. B-3/B-4
	PROJECT NO. E6-8593-10	
	PROJECT NAME Athens Boat Yard	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/mr	LOCATION 35 South Washington Ave Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 2/4/10
GROUND WATER OBSERVATIONS AT 4'0" FT AFTER 0 HOURS AT __FT AFTER __HOURS	SIZE I.D.: 4 ¼" / 1 3/8"	DATE FINISH 2/4/10
	HAMMER WT.: 140# / BIT	SURFACE ELEV.
	HAMMER FALL: 30"	GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0-6	6-12	12-18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
		1	ss	24"	11"	2'0"	41	40			dry		brn F-C SAND & SILT, lit clay, F gravel
							12	8			v dense		
		2	ss	24"	16"	4'0"	2	2			wet		
							18	29			compact		brn/gry F-C SAND & SILT, lit clay, F gravel
5													E.O.B. 4'0"
10													
15													
	GROUND WATER OBSERVATIONS AT 3'6" FT AFTER 0 HOURS AT __FT AFTER __HOURS										B-4		
0		1	ss	24"	18"	2'0"	53	48			moist		brn F-C SAND & SILT, lit clay, F gravel
							20	12			v dense		gry/brn SILT & CLAY, lit organics
		2	ss	24"	17"	4'0"	17	19			wet		
							15	16			dense		gry SILT & F-C SAND, lit clay, tr F gravel
5													E.O.B. 4'0"
10													
15													
20													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. B-3/B-4

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50%

C = COARSE
M = MEDIUM
F = FINE

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-1
	PROJECT NO. E6-8593-10	
	PROJECT NAME Athens Boat Yard	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/mr	LOCATION 35 South Washington Ave Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR TYPE: HSA / SS SIZE I.D.: 4 ¼" / 1 3/8" HAMMER WT.: 140# BIT HAMMER FALL: 30"	OFFSET DATE START 2/4/10 DATE FINISH 2/4/10 SURFACE ELEV. GROUND WATER ELEV.
GROUND WATER OBSERVATIONS AT 3'6" FT AFTER 0 HOURS AT FT AFTER HOURS		

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
											brn/orange F-C SAND, sm F gravel, lit silt
5		1	ss	24"	15"	6'0"	8 / 12 / 13 / 3		wet compact		brn organic SILT, sm clay, lit roots
10											
15		2	ss	24"	15"	15'0"	7 / 11 / 11 / 15		wet compact		gry/brn SILT & MF SAND, lit roots
											E.O.B. 15'0"
20											
25											
30											
35											
40											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. MW-1

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

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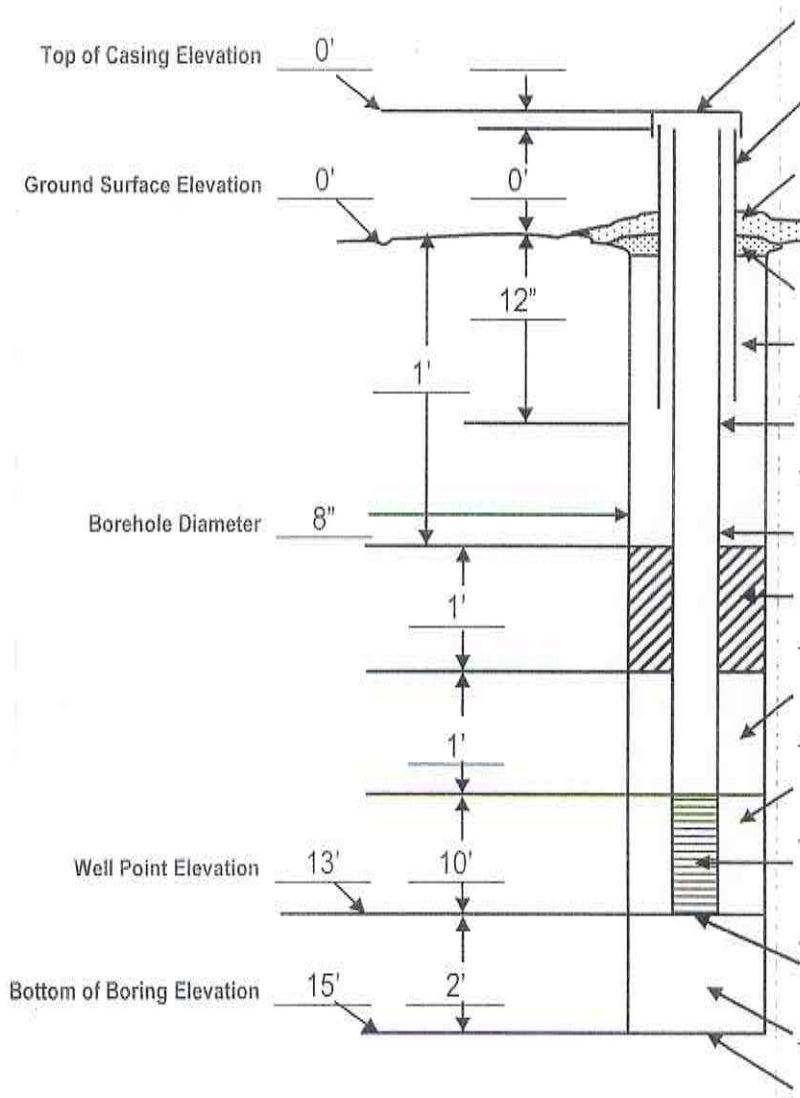
SOILTESTING, INC.

140 OXFORD ROAD - OXFORD, CONN. 06478-1943

GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies

Monitor Well # MW-1 **JOB #:** E6-8593-10



Stick Up Vented Locking Steel Cap		Yes	X No
Drive/over w/Bolting Cover	X	Yes	No
Protective Steel Casing	X	Yes	No
Mounded Backfill		Yes	X No
Concrete Collar	X	Yes	No

Backfill Material: #1 Silica Sand

Type of Casing Screen: 2" SCH 40 PVC

I.D 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: Yes No

If yes, Type:

Screen Slot Size: .010

Backfill Material: Formation

Refusal: Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	¾ bag	D/O	1
Slip Cap		Portland Cement	¼ bag	S/U	
Silica Sand	400 #				
Powdered Bentonite					

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-2
	PROJECT NO. E6-8593-10	
	PROJECT NAME Athens Boat Yard	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/mr	LOCATION 35 South Washington Ave Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 2/4/10
	SIZE I.D.: 4 ¼" / 1 3/8"	DATE FINISH 2/4/10
GROUND WATER OBSERVATIONS AT 3'6" FT AFTER 0 HOURS AT FT AFTER HOURS	HAMMER WT.: 140# / BIT HAMMER FALL: 30"	SURFACE ELEV. GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC.	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6	6 - 12	12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
													brn F-C SAND & F-C GRAVEL
		1	ss	24"	7"	5'0"	1	2			moist/wet		
5							2	1			v loose		brn organic SILT, sm clay
10													
		2	ss	24"	17"	15'0"	4	5			wet		
15							7	1			compact		gry/brn organic SILT, sm clay
													E.O.B. 15'0"
20													
25													
30													
35													
40													

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. MW-2

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

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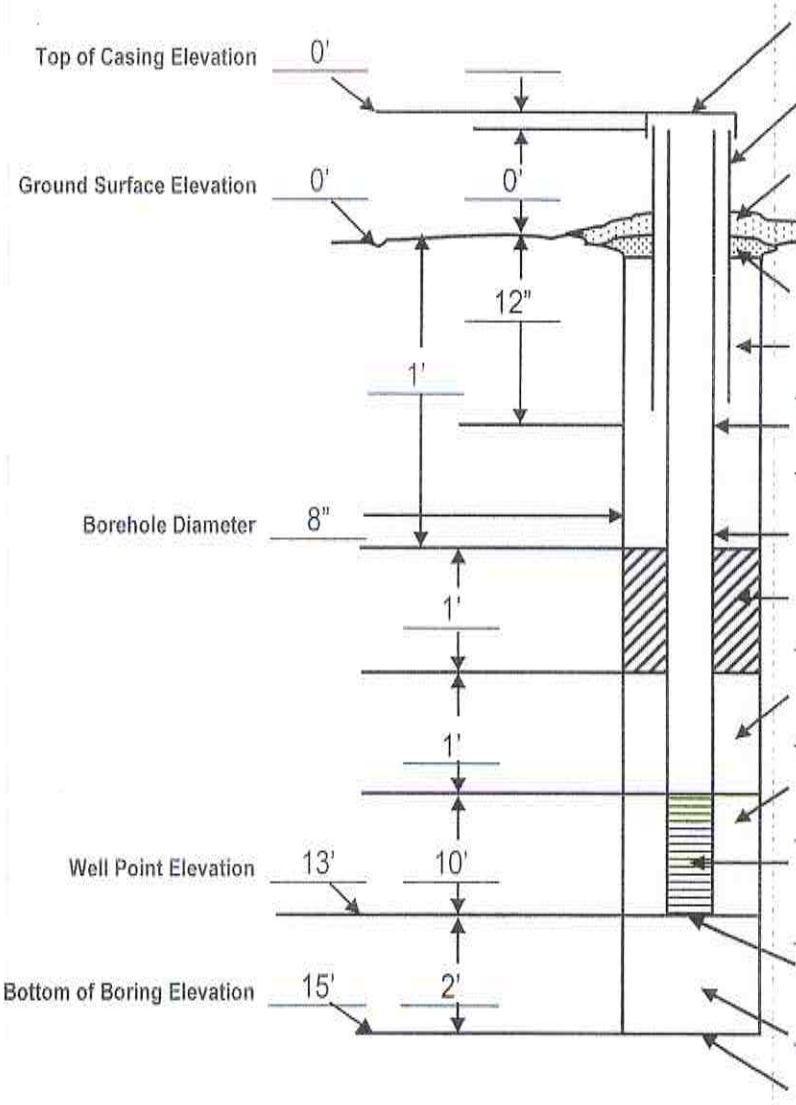
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies
JOB #: E6-8593-10

Monitor Well # MW-2



Stick Up Vented Locking Steel Cap	___	X	
Drive/over w/Bolting Cover	X	___	
Protective Steel Casing	X	___	
Mounded Backfill	___	X	
Concrete Collar	X	___	

Backfill Material: #1 Silica Sand

Type of Casing Screen: 2" SCH 40 PVC

I.D 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric: ___ Yes ___ No

If yes, Type: ___

Screen Slot Size: .010

Backfill Material: Formation

Refusal: ___ Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	400 #				
Powdered Bentonite					

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-3
	PROJECT NO. E6-8593-10	
	PROJECT NAME: Athens Boat Yard	BORING LOCATIONS: per Plan
FOREMAN - DRILLER: TP/mr	LOCATION: 35 South Washington Ave, Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR TYPE: HSA / SS SIZE I.D.: 4 ¼" / 1 3/8" HAMMER WT.: 140# BIT HAMMER FALL: 30"	OFFSET DATE START 2/4/10 DATE FINISH 2/4/10 SURFACE ELEV. GROUND WATER ELEV.
GROUND WATER OBSERVATIONS AT 3'6" FT AFTER 0 HOURS AT FT AFTER HOURS		

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
5		1	ss	12"	4"	4'0"	9 / 80/6"		moist/wet dense		brn SILT & F GRAVEL, lit FM sand
10		2	ss	11"	6"	12'11"	75/5"		wet v dense		brn FM SAND & SILT, sm F-C gravel, cobbles
											E.O.B. 12'11"
15											
20											
25											
30											
35											
40											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. MW-3

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

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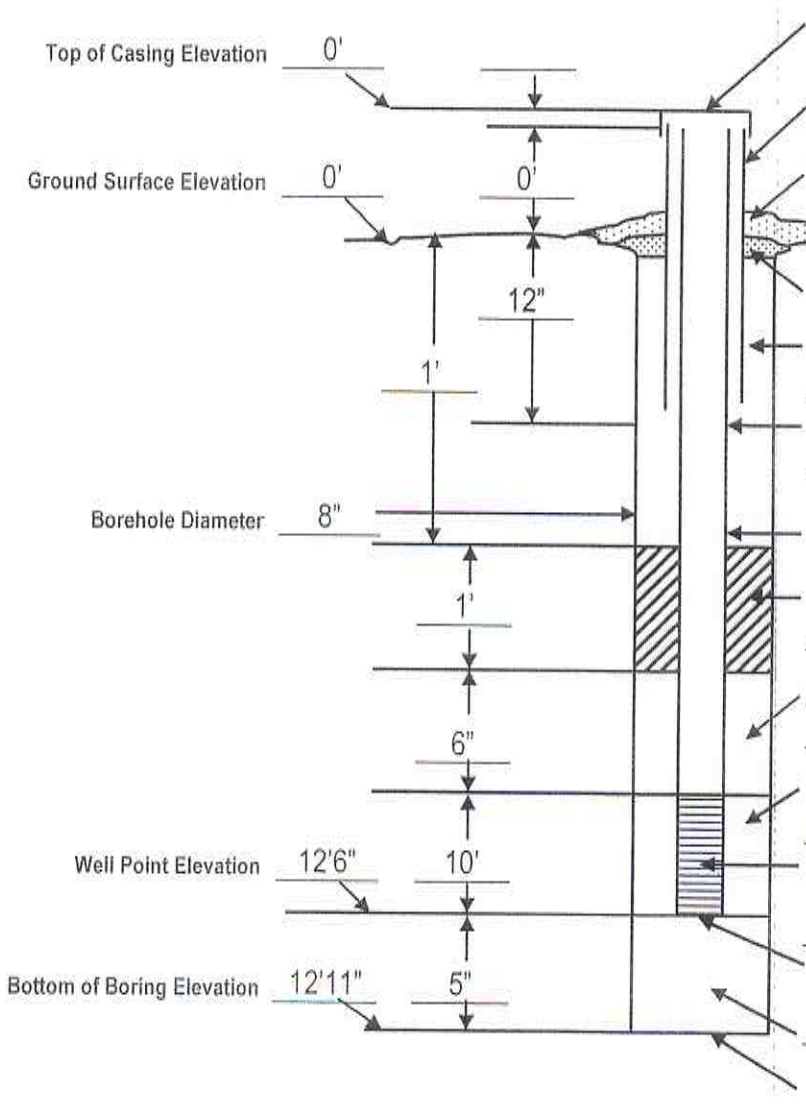
GEOTECHNICAL / ENVIRONMENTAL SUBSURFACE INVESTIGATIONS - Test Borings - Core Drilling
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies
JOB #: E6-8593-10

Monitor Well # MW-3



Stick Up Vented Locking Steel Cap	___	X	No
Drive/over w/Bolting Cover	X	___	No
Protective Steel Casing	X	___	No
Mounded Backfill	___	X	No
Concrete Collar	X	___	No

Backfill Material: #1 Silica Sand

Type of Casing Screen: 2" SCH 40 PVC

I.D 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric ___ Yes ___ No

If yes, Type ___

Screen Slot Size: .010

Backfill Material: Formation

Refusal: X Yes ___ No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	2'6"	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	¾ bag	D/O	1
Slip Cap		Portland Cement	¼ bag	S/U	
Silica Sand	400 #				
Powdered Bentonite					

SOILTESTING, INC. 140 OXFORD RD. OXFORD, CT 06478 CT (203) 888-4531 NY (914) 946-4850	CLIENT: Ecosystems Strategies Inc.	SHEET 1 OF 1 HOLE NO. MW-4
	PROJECT NO. E6-8593-10	
	PROJECT NAME Athens Boat Yard	BORING LOCATIONS per Plan
FOREMAN - DRILLER TP/mr	LOCATION 35 South Washington Ave Athens, NY	
INSPECTOR	CASING / SAMPLER / CORE BAR	OFFSET
	TYPE: HSA / SS	DATE START 2/4/10
GROUND WATER OBSERVATIONS	SIZE I.D.: 4 ¼" / 1 3/8"	DATE FINISH 2/4/10
AT 4'0" FT AFTER 0 HOURS	HAMMER WT.: 140# BIT	SURFACE ELEV.
AT __FT AFTER __HOURS	HAMMER FALL: 30"	GROUND WATER ELEV.

DEPTH	CASING BLOWS PER FOOT	SAMPLE NO	Type	PEN	REC	DEPTH @ BOT	BLOWS PER 6 IN ON SAMPLER (FORCE ON TUBE) 0 - 6 / 6 - 12 / 12 - 18	CORE TIME PER FT (MIN)	DENSITY OR CONSIST / MOIST	STRATA CHANGE DEPTH / ELEV	FIELD IDENTIFICATION OF SOIL REMARKS INCL. COLOR, LOSS OF WASH WATER, SEAMS IN ROCK, ETC.
											brn SILT & CLAY, sm organics
		1	ss	24"	16"	5'0"	3 / 5		moist/wet		
5							7 / 11		compact		gry CLAY & SILT, tr organics, FM sand
10											
		2	ss	24"	15"	15'0"	WOH/6		wet		
15							4 / 5		compact		brn/gry SILT & CLAY, sm organics
											E.O.B. 15'0"
20											
25											
30											
35											
40											

NOTE: Subsoil conditions revealed by this investigation represent conditions at specific locations and may not represent conditions at other locations or times.

GROUND SURFACE TO _____FT. USED _____CASING THEN _____ CASING TO _____FT. HOLE NO. MW-4

A = AUGER UP = UNDISTURBED PISTON T = THINWALL V = VANE TEST

WOR = WEIGHT OF RODS WOH = WEIGHT OF HAMMER & RODS C = COARSE

SS = SPLIT TUBE SAMPLER H.S.A. = HOLLOW STEM AUGER M = MEDIUM

PROPORTIONS USED: TRACE = 0 - 10% LITTLE = 10 - 20% SOME = 20 - 35% AND =35 - 50% F = FINE

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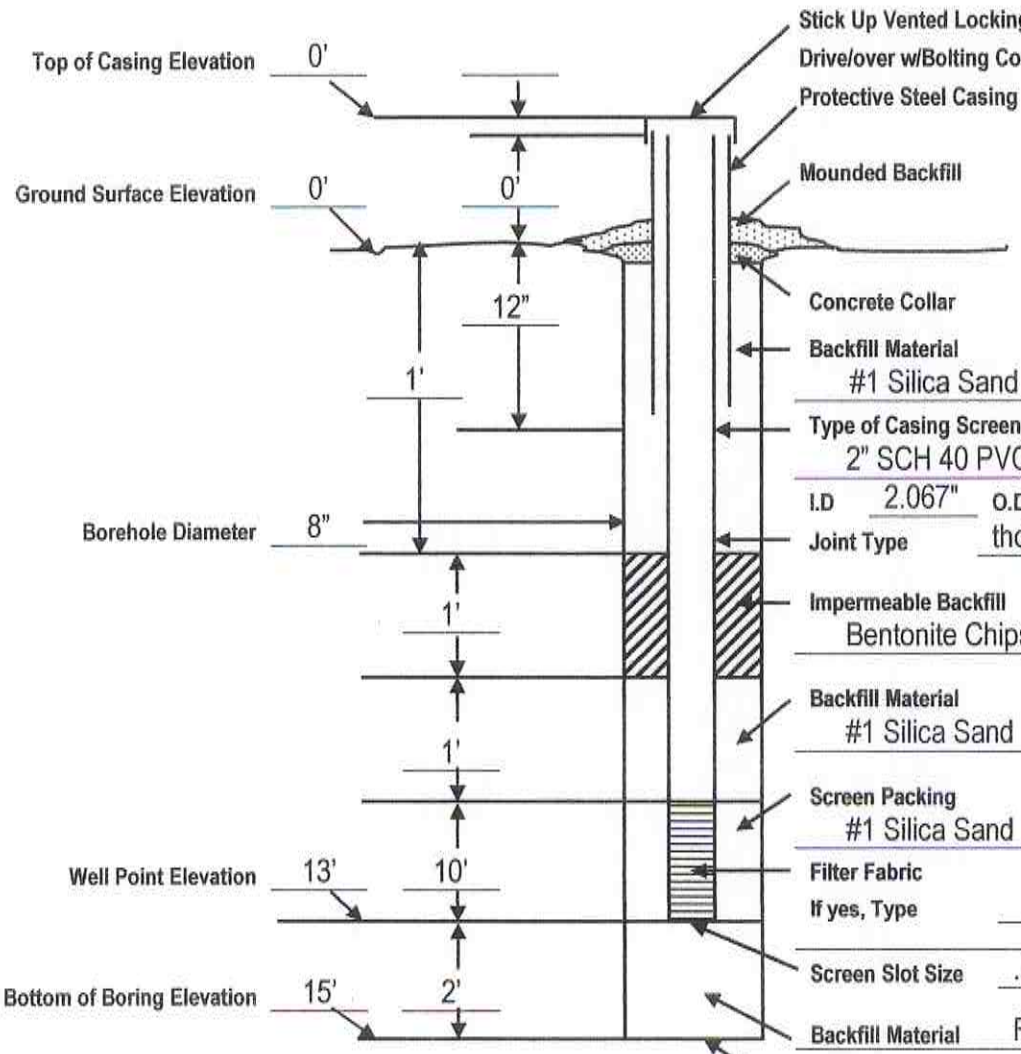
Monitoring Wells - Recovery Wells - Direct Push/Probe Sampling
UNDERPINNING - HELICAL PILES - SOIL NAILS

CLIENT: Ecosystems Strategies
JOB #: E6-8593-10

Monitor Well # MW-4



Stick Up Vented Locking Steel Cap	___	Yes	X No
Drive/over w/Bolting Cover	X	Yes	___ No
Protective Steel Casing	X	Yes	___ No
Mounded Backfill	___	Yes	X No
Concrete Collar	X	Yes	___ No

Backfill Material: #1 Silica Sand

Type of Casing Screen: 2" SCH 40 PVC

I.D 2.067" O.D. 2.375"

Joint Type: thd'd F.J.

Impermeable Backfill: Bentonite Chips

Backfill Material: #1 Silica Sand

Screen Packing: #1 Silica Sand

Filter Fabric ___ Yes ___ No

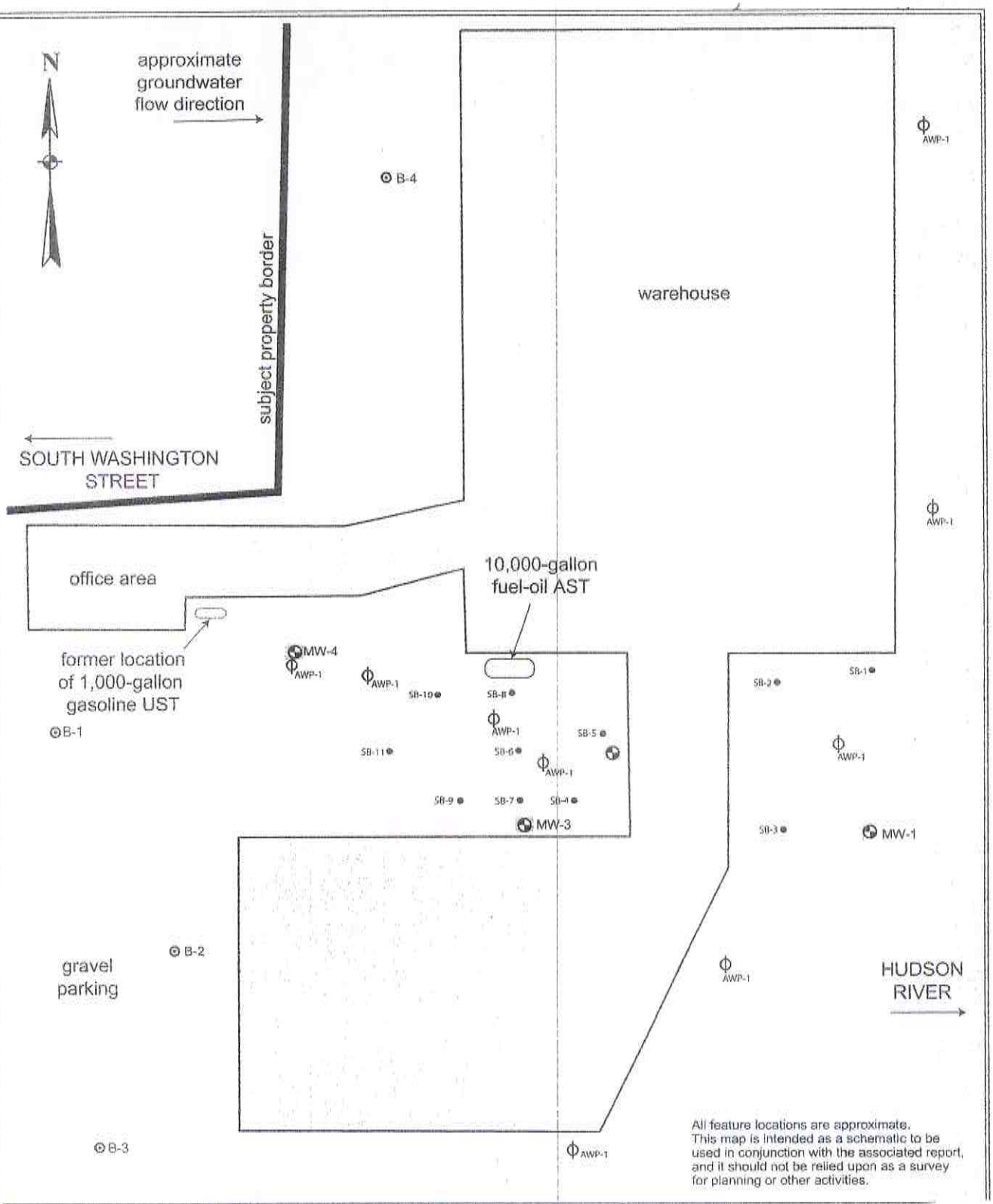
If yes, Type ___

Screen Slot Size: .010

Backfill Material: Formation

Refusal ___ Yes X No

Screen	10'	Bentonite Pellets		Locking Exp. Plug	1
Riser	5'	Bentonite Chips	½ bag	Lock	
Plug	1	Concrete Mix	1 bag	D/O	1
Slip Cap		Portland Cement		S/U	
Silica Sand	400 #				
Powdered Bentonite					



Proposed Fieldwork Map
Athens Boat Yard
35 South Washington Street
Town of Athens
Greene County, New York

Legend:

AWP-1 to -9	previous boring locations
SB-1 to -11	previous soil borings
	proposed monitoring well locations
	proposed borings

JOB NO.
E6-8593-10

SOILTESTING, INC.
140 Oxford Road
Oxford, CT 06478

APPENDIX C

Data Summary Tables

Ecosystems Strategies, Inc.

AA06166.21 Table 1: Lead in Water

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

TAL METAL	Guidance Level	Sample Identification			
		MW-1	MW-2	MW-3	MW-4
Lead Total	**0.025**	**0.0743**	0.00540	**0.252**	**0.141**
Lead Dissloved	**0.025**	ND	ND	ND	ND

Notes:

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

ND = Not Detected

AA06166.21 Table 2: Metals in Soil

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

Metal	Guidance Level	Hudson Valley Background	Sample Identificaiton															
			MW-1 (0-4")	MW-1 (3-4')	MW-1 (12-13')	MW-2 (0-4")	MW-2 (3-4')	MW-2 (12-13')	MW-3 (0-4")	MW-3 (3-4')	MW-3 (12-13')	MW-4 (0-4")	MW-4 (3-4')	MW-4 (12-13')	B-1 (5-6')	B-2 (5-6')	B-3 (3-4')	B-4 (3-4')
Aluminum	**SB***	**33,000**	17,200	NA	NA	11,400	NA	NA	NA	NA	NA	NA	NA	NA	18,800	15,200	13,000	19,600
Antimony	**SB***	**NP**	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	0.787	ND
Arsenic	**16**	**7.4** (HV)	**17.6**	NA	NA	8.84	NA	NA	NA	NA	NA	NA	NA	NA	8.66	7.47	10.7	**16.3**
Barium	**10,000**	**81.1** (HV)	68.4	NA	NA	138	NA	NA	NA	NA	NA	NA	NA	NA	220	187	202	158
Beryllium	**2,700**	**0.75** (HV)	0.692	NA	NA	0.416	NA	NA	NA	NA	NA	NA	NA	NA	0.437	0.372	0.385	0.801
Cadmium	**60**	**0.22** (HV)	0.905	NA	NA	1.25	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	1.28
Calcium	**SB***	**130 - 35,000**	22,000	NA	NA	55,800	NA	NA	NA	NA	NA	NA	NA	NA	1,990	3,630	7,120	4,800
Chromium	**6,800**	**20.9** (HV)	27.2	NA	NA	18.5	NA	NA	NA	NA	NA	NA	NA	NA	23.1	18.7	19.5	28.0
Cobalt	**30* or SB**	**2.5 - 60**	14.5	NA	NA	11.3	NA	NA	NA	NA	NA	NA	NA	NA	13.7	10.8	11.7	18.8
Copper	**10,000**	**23.4** (HV)	58.1	NA	NA	114	NA	NA	NA	NA	NA	NA	NA	NA	149	85.4	103	55.4
Iron	**2,000* or SB**	**2,000 - 550,000**	41,500	NA	NA	36,600	NA	NA	NA	NA	NA	NA	NA	NA	31,800	25,900	24,000	55,900
Lead	**3,900**	**72.5**** (HV)	53.1	30.1	7	238	**11,500**	765	46.3	970	34.7	368	23.3	78.6	349	735	532	196
Magnesium	**SB***	**100 - 5,000**	7,900	NA	NA	6,060	NA	NA	NA	NA	NA	NA	NA	NA	5,940	4,610	5,380	6,910
Manganese	**10,000**	**50 - 5,000**	651	NA	NA	534	NA	NA	NA	NA	NA	NA	NA	NA	292	447	306	691
Nickel	**10,000**	**21.0** (HV)	47.7	NA	NA	34.2	NA	NA	NA	NA	NA	NA	NA	NA	34.8	28.7	31.9	50.1
Potassium	**SB***	**8,500 - 43,000**	1,840	NA	NA	1,280	NA	NA	NA	NA	NA	NA	NA	NA	1,770	1,600	1,890	2,190
Selenium	**6,800**	**1** (HV)	2.14	NA	NA	1.72	NA	NA	NA	NA	NA	NA	NA	NA	2.34	2.13	3.32	0.619
Silver	**6,800**	**NP**	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Sodium	**SB***	**6,000 - 8,000**	184	NA	NA	101	NA	NA	NA	NA	NA	NA	NA	NA	103	108	151	144
Thallium	**SB***	**NP**	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND
Vanadium	**150* or SB**	**1 - 300**	33.3	NA	NA	29.2	NA	NA	NA	NA	NA	NA	NA	NA	34.9	28.3	27.2	38.1
Zinc	**10,000**	**87.1** (HV)	96.7	NA	NA	353	NA	NA	NA	NA	NA	NA	NA	NA	169	158	313	131
Mercury	**5.7**	**0.24** (HV)	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	0.934	ND	ND	ND

Notes:

Guidance levels based on BCP Restricted Use, "Industrial" SCOs, 6 NYCRR Part 375, Table 375-6.8(b).

* = Guidance level based on NYSDEC TAGM 4046.

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

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 SB = Site Background NA = Not Analyzed

AA06166.21 Table 3: VOCs in Soil

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

(USEPA Method 8260)	Guidance Level	Sample Identification			
		B-1 (5-6')	B-2 (5-6')	B-3 (3-4')	B-4 (3-4')
1,1,1,2-Tetrachloroethane	****	ND	ND	ND	ND
1,1,1-Trichloroethane	**1,000,000**	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	**35,000***	ND	ND	ND	ND
1,1,2-Trichloroethane	****	ND	ND	ND	ND
1,1-Dichloroethane	**480,000**	ND	ND	ND	ND
1,1-Dichloroethene	**1,000,000**	ND	ND	ND	ND
1,1-Dichloropropene	****	ND	ND	ND	ND
1,2,3-Trichlorobenzene	****	ND	ND	ND	ND
1,2,3-Trichloropropane	**80,000***	ND	ND	ND	ND
1,2,3-Trimethylbenzene	****	ND	ND	ND	ND
1,2,4-Trichlorobenzene	**3,400***	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**380,000**	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	****	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	****	ND	ND	ND	ND
1,2-Dichlorobenzene	**1,000,000**	ND	ND	ND	ND
1,2-Dichloroethane	**60,000**	ND	ND	ND	ND
1,2-Dichloroethylene (cis)	**1,000,000**	ND	ND	ND	ND
1,2-Dichloroethylene (trans)	**1,000,000**	ND	ND	ND	ND
1,2-Dichloroethene (total)	****	ND	ND	ND	ND
1,2-Dichloropropane	****	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**380,000**	ND	ND	ND	ND
1,3-Dichlorobenzene	**560,000**	ND	ND	ND	ND
1,3-Dichloropropane	**300***	ND	ND	ND	ND
1,4-Dichlorobenzene	**250,000**	ND	ND	ND	ND
1,4-Dioxane	**250,000**	ND	ND	ND	ND
1-Chlorohexane	****	ND	ND	ND	ND
2,2-Dichloropropane	****	ND	ND	ND	ND
2-Butanone (MEK)	**300***	ND	ND	ND	ND
2-Chlorotoluene	****	ND	ND	ND	ND
2-Hexanone	****	ND	ND	ND	ND
4-Chlorotoluene	****	ND	ND	ND	ND
4-Isopropyltoluene	****	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	**1000***	ND	ND	ND	ND
Acetone	**1,000,000**	ND	ND	ND	ND
Benzene	**89,000**	ND	ND	ND	ND
Bromobenzene	****	ND	ND	ND	ND
Bromochloromethane	****	ND	ND	ND	ND
Bromodichloromethane	****	ND	ND	ND	ND
Bromoform	****	ND	ND	ND	ND
Bromomethane	****	ND	ND	ND	ND
Carbon disulfide	**100,000***	ND	ND	ND	ND
Carbon tetrachloride	**44,000**	ND	ND	ND	ND
Chlorobenzene	**1,000,000**	ND	ND	ND	ND
Chloroethane	**1,900***	ND	ND	ND	ND
Chloroform	**700,000**	ND	ND	ND	ND
Chloromethane	****	ND	ND	ND	ND
cis-1,3-Dichloropropene	****	ND	ND	ND	ND
Dibromochloromethane	****	ND	ND	ND	ND
Dibromomethane	****	ND	ND	ND	ND
Dichlorodifluoromethane	****	ND	ND	ND	ND
Ethylbenzene	**780,000**	ND	ND	ND	ND
Hexachlorobenzene	**12,000**	ND	ND	ND	ND
Hexachlorobutadiene	****	ND	ND	ND	ND
Isopropylbenzene	**2,300***	ND	ND	ND	ND
Methylene chloride	**1,000,000**	15.4 (J)	18.4 (J)	25.7 (J)	19.8 (J)
Methyl ethyl ketone	**1,000,000**	ND	ND	ND	ND
Methyl-tert-butyl-ether (MTBE)	**1,000,000**	ND	ND	ND	ND
Naphthalene	**1,000,000**	ND	3.35 (J)	ND	ND
n-Butylbenzene	****	ND	ND	ND	ND
n-Propylbenzene	**1,000,000**	ND	ND	ND	ND
o-Xylene	**1,000,000**	ND	ND	ND	ND
p-&m-Xylenes	**1,000,000**	ND	6.57 (J)	3.48 (J)	ND
p-Isopropyltoluene	****	ND	ND	ND	ND
sec-Butylbenzene	**1,000,000**	ND	ND	ND	ND
Styrene	****	ND	ND	ND	ND
tert-Butylbenzene	**1,000,000**	ND	ND	ND	ND
Tetrachloroethene	**300,000**	ND	ND	ND	ND
Toluene	**1,000,000**	2.65 (J)	3.69 (J)	5.88 (J)	3.03 (J)
trans-1,3-Dichloropropene	****	ND	ND	ND	ND
Trichloroethene	**400,000**	ND	ND	ND	ND
Trichlorofluoromethane	****	ND	ND	ND	ND
Vinyl chloride	**27,000**	ND	ND	ND	ND
Xylenes (total)	**1,000,000**	ND	ND	ND	ND

Notes:

Guidance levels based on BCP Restricted Use, "Industrial" SCOs, 6 NYCRR Part 375, Table 375-6.8(b).

* = Guidance level based on SSCO's (NYSDEC TAGM 4046) in the NYSDEC 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).

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 TBD = To Be Determined NA = Not Analyzed

AA06166.21 Table 4: PAHs in Soils

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

Compound (USEPA Method 8270)	Guidance Level	Sample Identification			
		B-1 (5-6')	B-2 (5-6')	B-3 (3-4')	B-4 (3-4')
Naphthalene	**1,000,000**	ND	ND	ND	ND
Anthracene	**1,000,000**	53.7	58.9	306	ND
Fluorene	**1,000,000**	ND	ND	106	ND
Phenanthrene	**1,000,000**	198	171	973	ND
Pyrene	**1,000,000**	256	428	1010	ND
Acenaphthene	**1,000,000**	ND	ND	ND	ND
Acenaphthylene	**1,000,000**	ND	66.5	ND	ND
Benzo(a)anthracene	**11,000**	186	322	666	ND
Fluoranthene	**1,000,000**	315	471	1240	ND
Benzo(b)fluoranthene	**11,000**	124	302	392	ND
Benzo(k)fluoranthene	**110,000**	181	323	511	ND
Chrysene	**110,000**	194	332	625	ND
Benzo(a)pyrene	**1,100**	168	369	889	ND
Indeno(1 2 3-cd)pyrene	**11,000**	ND	200	222	ND
Benzo(ghi)perylene	**1,000,000**	83.8	184	191	ND
Dibenzo(a h)anthracene	**1,100**	ND	ND	ND	ND

Notes:

Guidance levels based on BCP Restricted Use, "Industrial" SCOs, 6 NYCRR Part 375, Table 375-6.8(b).

ND = Not Detected

AA06166.21 Table 5: PCBs in Soil

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

PCB Compound (USEPA Method 8082)	Sample Identification					
	MW-1 (0-4")	MW-2 (0-4")	B-1 (5-6')	B-2 (5-6')	B-3 (3-4')	B-4 (3-4')
PCB 1016	ND	ND	ND	ND	ND	ND
PCB 1221	ND	ND	ND	ND	ND	ND
PCB 1232	ND	ND	ND	ND	ND	ND
PCB 1242	ND	ND	ND	ND	ND	ND
PCB 1248	ND	ND	ND	ND	ND	ND
PCB 1254	ND	ND	ND	ND	ND	ND
PCB 1260	ND	ND	ND	ND	ND	ND
PCB 1262	ND	ND	ND	ND	ND	ND
PCB, 1268	ND	ND	ND	ND	ND	ND

Notes:

Guidance level = 25 ppm, based on BCP Restricted Use, "Industrial" SCOs, 6 NYCRR Part 375, Table 375-6.8(b).

ND = Not Detected

APPENDIX D

Laboratory Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 02/16/2010
Client Project ID: AA06166.21
York Project (SDG) No.: 10B0415

Report Date: 02/16/2010
Client Project ID: AA06166.21
York Project (SDG) No.: 10B0415

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 12, 2010 and listed below. The project was identified as your project: **AA06166.21**.

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
10B0415-01	MW-1	Water	02/11/2010	02/12/2010
10B0415-02	MW-2	Water	02/11/2010	02/12/2010
10B0415-03	MW-3	Water	02/11/2010	02/12/2010
10B0415-04	MW-4	Water	02/11/2010	02/12/2010

Notes for York Project (SDG) No.: 10B0415

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 Notes section for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.

Approved By: 

Date: 02/16/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 10B0415-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0415	AA06166.21	Water	02/11/2010 15:00	02/12/2010

Lead by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	**0.0743**		mg/L	0.00300	0.00120	1	EPA SW846-6010B EPA SW 846-3010A	02/15/2010 16:20	02/15/2010 23:07	MW

Lead, Dissolved by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	ND		"	0.00300	0.00120	"	" "	02/15/2010 16:20	02/15/2010 23:02	"

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 10B0415-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0415	AA06166.21	Water	02/11/2010 15:00	02/12/2010

Lead by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	**0.00540**		mg/L	0.00300	0.00120	1	EPA SW846-6010B EPA SW 846-3010A	02/15/2010 16:20	02/15/2010 23:28	MW

Lead, Dissolved by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	ND		"	0.00300	0.00120	"	" "	02/15/2010 16:20	02/15/2010 23:12	"

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 10B0415-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0415	AA06166.21	Water	02/11/2010 15:00	02/12/2010

Lead by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	**0.252**		mg/L	0.00300	0.00120	1	EPA SW846-6010B EPA SW 846-3010A	02/15/2010 16:20	02/15/2010 23:38	MW

Lead, Dissolved by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	ND		"	0.00300	0.00120	"	" "	02/15/2010 16:20	02/15/2010 23:33	"

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 10B0415-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0415	AA06166.21	Water	02/11/2010 15:00	02/12/2010

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 10B0415-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0415	AA06166.21	Water	02/11/2010 15:00	02/12/2010

Lead by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	**0.141**		mg/L	0.00300	0.00120	1	EPA SW846-6010B EPA SW 846-3010A	02/15/2010 16:20	02/15/2010 23:47	MW

Lead, Dissolved by EPA 6010

Parameter	Result	Flag	Units	RL	MDL	Dilution	Analysis & Prep Methods	Date/Time Prepared	Date/Time Analyzed	Analyst
Lead	ND		"	0.00300	0.00120	"	" "	02/15/2010 16:20	02/15/2010 23:43	"

Notes and Definitions

ND	Analyte NOT DETECTED at the stated reporting limit (RL)or above.
RL	Reporting Limit-the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	Method Detection Limit- The minimum concentration that can be measured and reported with 99 percent 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.

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. 10B0415

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: Ecosystems Strategies, Inc.	SAME [X]	SAME [ ]	AA06166.21	RUSH Same Day ____	Summary ____
Address: 24 Davis Ave	Name:	Name: Brenda		RUSH Next Day ____	QA/QC Summary ____
Poughkeepsie, NY 12603	Company:	Company: Ecosystems Strategies, Inc.		RUSH Two Day ____	CT RCP Pkg ____
Phone no.: (845) 452-1658	Address:	Address: 24 Davis Ave	**Purchase Order no.**	RUSH Three Day ____	ASP A Pkg ____
Contact Person Brian		Poughkeepsie, NY 12603		RUSH Four Day ____	ASP B Pkg ____
E-mail Addr.: brian@ecosystemsstrategies.com	E-mail:	E-mail		Standard (5-7 days) X	Excel ____
FAX No.: (845) 485-4073	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.

Brian M Brunk
Samples Collected/Authorized By (Signature)

Brian Barrick
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 Not Detected Values	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)
MW-1	2/11/2010	GW	Total + Dissolved Lead	2 x 250 mL
MW-2	2/11/2010	GW	Total + Dissolved Lead	2 x 250 mL
MW-3	2/11/2010	GW	Total + Dissolved Lead	2 X 250 mL
MW-4	2/11/2010	GW	Total + Dissolved Lead	2 x 250 mL

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

C. M. 2/12/10 2:50pm
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Chen C 2-12-10 14:50
Samples Received By Date/Time

P. Grove 2/12/10 1515
Samples Received in LAB by Date/Time

Temperature on Receipt 3.6 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 02/18/2010
Client Project ID: AA06166.21
York Project (SDG) No.: 10B0264

Report Date: 02/18/2010
Client Project ID: AA06166.21
York Project (SDG) No.: 10B0264

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 05, 2010 and listed below. The project was identified as your project: **AA06166.21**.

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
10B0264-01	MW-1 (0-4 inches)	Soil	02/04/2010	02/05/2010
10B0264-02	MW-2 (0-4 inches)	Soil	02/04/2010	02/05/2010
10B0264-03	MW-1 (3-4')	Soil	02/04/2010	02/05/2010
10B0264-04	MW-1 (12-13')	Soil	02/04/2010	02/05/2010
10B0264-05	MW-2 (3-4')	Soil	02/04/2010	02/05/2010
10B0264-06	MW-2 (12-13')	Soil	02/04/2010	02/05/2010
10B0264-07	MW-3 (0-4 inches)	Soil	02/04/2010	02/05/2010
10B0264-08	MW-3 (3-4')	Soil	02/04/2010	02/05/2010
10B0264-09	MW-3 (12-13')	Soil	02/04/2010	02/05/2010
10B0264-10	MW-4 (0-4 inches)	Soil	02/04/2010	02/05/2010
10B0264-11	MW-4 (3-4')	Soil	02/04/2010	02/05/2010
10B0264-12	MW-4 (12-13')	Soil	02/04/2010	02/05/2010
10B0264-13	B-1	Soil	02/04/2010	02/05/2010
10B0264-14	B-2	Soil	02/04/2010	02/05/2010
10B0264-15	B-3	Soil	02/04/2010	02/05/2010
10B0264-16	B-4	Soil	02/04/2010	02/05/2010

General Notes for York Project (SDG) No.: 10B0264

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.

Approved By: 

Date: 02/18/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: MW-1 (0-4 inches) **York Sample ID:** 10B0264-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Polychlorinated Biphenyls (PCB)

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	0.00790	0.0190	1	EPA SW 846-8082	02/11/2010 08:03	02/11/2010 20:24	JW
11104-28-2	Aroclor 1221	ND		"	0.00790	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
11141-16-5	Aroclor 1232	ND		"	0.00790	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
53469-21-9	Aroclor 1242	ND		"	0.00790	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
12672-29-6	Aroclor 1248	ND		"	0.00790	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
11097-69-1	Aroclor 1254	ND		"	0.00680	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
11096-82-5	Aroclor 1260	ND		"	0.00680	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
37324-23-5	Aroclor 1262	ND		"	0.00680	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"
11100-14-4	Aroclor 1268	ND		"	0.00680	0.0190	"	"	02/11/2010 08:03	02/11/2010 20:24	"

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17200**		mg/kg dry	1.26	2.24	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 18:38	MW
7440-36-0	Antimony	ND		"	0.140	0.336	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-38-2	**Arsenic**	**17.6**		"	0.190	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-39-3	**Barium**	**68.4**		"	0.240	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-41-7	**Beryllium**	**0.692**		"	0.008	0.011	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-43-9	**Cadmium**	**0.905**		"	0.130	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-70-2	**Calcium**	**22000**		"	0.043	2.24	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-47-3	**Chromium**	**27.2**		"	0.080	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-48-4	**Cobalt**	**14.5**		"	0.080	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-50-8	**Copper**	**58.1**		"	0.140	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7439-89-6	**Iron**	**41500**		"	0.550	1.12	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7439-92-1	**Lead**	**53.1**		"	0.100	0.336	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7439-95-4	**Magnesium**	**7900**		"	0.820	2.24	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7439-96-5	**Manganese**	**651**		"	0.080	1.12	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-02-0	**Nickel**	**47.7**		"	0.070	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-09-7	**Potassium**	**1840**		"	2.72	11.2	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7782-49-2	**Selenium**	**2.14**		"	0.211	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-22-4	Silver	ND		"	0.090	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-23-5	**Sodium**	**184**		"	6.72	11.2	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-28-0	Thallium	ND		"	0.190	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-62-2	**Vanadium**	**33.3**		"	0.080	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"
7440-66-6	**Zinc**	**96.7**		"	0.070	0.560	"	"	02/10/2010 09:54	02/10/2010 18:38	"

Sample Information

Client Sample ID: **MW-1 (0-4 inches)** **York Sample ID:** **10B0264-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0970	0.112	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 11:05	AA

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**89.3**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: **MW-2 (0-4 inches)** **York Sample ID:** **10B0264-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Polychlorinated Biphenyls (PCB)

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	0.00790	0.0186	1	EPA SW 846-8082	02/11/2010 08:03	02/11/2010 20:56	JW
11104-28-2	Aroclor 1221	ND		"	0.00790	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
11141-16-5	Aroclor 1232	ND		"	0.00790	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
53469-21-9	Aroclor 1242	ND		"	0.00790	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
12672-29-6	Aroclor 1248	ND		"	0.00790	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
11097-69-1	Aroclor 1254	ND		"	0.00680	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
11096-82-5	Aroclor 1260	ND		"	0.00680	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
37324-23-5	Aroclor 1262	ND		"	0.00680	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"
11100-14-4	Aroclor 1268	ND		"	0.00680	0.0186	"	"	02/11/2010 08:03	02/11/2010 20:56	"

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11400**		mg/kg dry	1.26	2.19	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 18:42	MW
7440-36-0	Antimony	ND		"	0.140	0.329	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-38-2	**Arsenic**	**8.84**		"	0.190	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-39-3	**Barium**	**138**		"	0.240	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-41-7	**Beryllium**	**0.416**		"	0.008	0.011	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-43-9	**Cadmium**	**1.25**		"	0.130	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-70-2	**Calcium**	**55800**		"	0.043	2.19	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-47-3	**Chromium**	**18.5**		"	0.080	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-48-4	**Cobalt**	**11.3**		"	0.080	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"

Sample Information

Client Sample ID: MW-2 (0-4 inches) **York Sample ID:** 10B0264-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**114**		mg/kg dry	0.140	0.548	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 18:42	"
7439-89-6	**Iron**	**36600**		"	0.550	1.10	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7439-92-1	**Lead**	**238**		"	0.100	0.329	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7439-95-4	**Magnesium**	**6060**		"	0.820	2.19	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7439-96-5	**Manganese**	**534**		"	0.080	1.10	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-02-0	**Nickel**	**34.2**		"	0.070	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-09-7	**Potassium**	**1280**		"	2.72	11.0	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7782-49-2	**Selenium**	**1.72**		"	0.211	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-22-4	Silver	ND		"	0.090	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-23-5	**Sodium**	**101**		"	6.72	11.0	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-28-0	Thallium	ND		"	0.190	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-62-2	**Vanadium**	**29.2**		"	0.080	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"
7440-66-6	**Zinc**	**353**		"	0.070	0.548	"	"	02/10/2010 09:54	02/10/2010 18:42	"

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0970	0.110	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 16:12	AA

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**91.3**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-1 (3-4') **York Sample ID:** 10B0264-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**30.1**		mg/kg dry	0.100	0.423	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 18:47	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**70.9**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-1 (12-13') **York Sample ID:** 10B0264-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**7.00**		mg/kg dry	0.100	0.384	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:02	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**78.2**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-2 (3-4') **York Sample ID:** 10B0264-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**11500**		mg/kg dry	0.100	0.441	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:07	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**68.0**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-2 (12-13') **York Sample ID:** 10B0264-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**765**		mg/kg dry	0.100	0.524	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:25	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**57.3**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-3 (0-4 inches) **York Sample ID:** 10B0264-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	46.3		mg/kg dry	0.100	0.316	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:30	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	95.0		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-3 (3-4') **York Sample ID:** 10B0264-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	970		mg/kg dry	0.100	0.371	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:34	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	80.8		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-3 (12-13') **York Sample ID:** 10B0264-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	34.7		mg/kg dry	0.100	0.343	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:39	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	87.4		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-4 (0-4 inches) **York Sample ID:** 10B0264-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	368		mg/kg dry	0.100	0.382	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:43	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	78.5		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-4 (3-4') **York Sample ID:** 10B0264-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	23.3		mg/kg dry	0.100	0.369	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:48	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	81.2		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: MW-4 (12-13') **York Sample ID:** 10B0264-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Lead by EPA 6010

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	78.6		mg/kg dry	0.100	0.475	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:52	MW

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	63.1		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: B-1 **York Sample ID:** 10B0264-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.17	12.9	2	EPA SW846-8260B	02/12/2010 07:06	02/12/2010 07:06	SS
71-55-6	1,1,1-Trichloroethane	ND		"	2.05	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	1.23	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	1.30	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
79-00-5	1,1,2-Trichloroethane	ND		"	1.32	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-34-3	1,1-Dichloroethane	ND		"	1.49	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-35-4	1,1-Dichloroethylene	ND		"	2.87	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
563-58-6	1,1-Dichloropropylene	ND		"	0.929	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.799	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
96-18-4	1,2,3-Trichloropropane	ND		"	2.46	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	1.04	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	1.14	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	2.85	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
106-93-4	1,2-Dibromoethane	ND		"	1.47	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
95-50-1	1,2-Dichlorobenzene	ND		"	1.27	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
107-06-2	1,2-Dichloroethane	ND		"	1.40	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.475	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.799	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
541-73-1	1,3-Dichlorobenzene	ND		"	1.02	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
142-28-9	1,3-Dichloropropane	ND		"	1.49	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
106-46-7	1,4-Dichlorobenzene	ND		"	1.47	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
594-20-7	2,2-Dichloropropane	ND		"	2.07	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
95-49-8	2-Chlorotoluene	ND		"	1.06	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
106-43-4	4-Chlorotoluene	ND		"	1.06	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
71-43-2	Benzene	ND		"	1.04	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
108-86-1	Bromobenzene	ND		"	1.32	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
74-97-5	Bromochloromethane	ND		"	2.76	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-27-4	Bromodichloromethane	ND		"	1.34	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-25-2	Bromoform	ND		"	1.25	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
74-83-9	Bromomethane	ND		"	2.68	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
56-23-5	Carbon tetrachloride	ND		"	2.25	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
108-90-7	Chlorobenzene	ND		"	0.756	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-00-3	Chloroethane	ND		"	1.64	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
67-66-3	Chloroform	ND		"	0.778	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"

Sample Information

Client Sample ID: B-1 **York Sample ID:** 10B0264-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.92	12.9	2	EPA SW846-8260B	02/12/2010 07:06	02/12/2010 07:06	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	2.07	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.756	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
124-48-1	Dibromochloromethane	ND		"	1.45	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
74-95-3	Dibromomethane	ND		"	2.87	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
87-68-3	Dichlorodifluoromethane	ND		"	1.79	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
100-41-4	Ethyl Benzene	ND		"	0.756	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
87-68-3	Hexachlorobutadiene	ND		"	0.929	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
98-82-8	Isopropylbenzene	ND		"	0.842	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.821	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-09-2	**Methylene chloride**	**15.4**	B, J	"	2.29	25.8	"	"	02/12/2010 07:06	02/12/2010 07:06	"
91-20-3	Naphthalene	ND		"	1.08	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
104-51-8	n-Butylbenzene	ND		"	0.691	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
103-65-1	n-Propylbenzene	ND		"	1.25	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
95-47-6	o-Xylene	ND		"	1.08	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
1330-20-7P/M	p- & m- Xylenes	ND		"	1.19	25.8	"	"	02/12/2010 07:06	02/12/2010 07:06	"
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.540	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
135-98-8	sec-Butylbenzene	ND		"	1.12	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
100-42-5	Styrene	ND		"	0.929	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
98-06-6	tert-Butylbenzene	ND		"	0.994	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
127-18-4	Tetrachloroethylene	ND		"	1.12	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
108-88-3	**Toluene**	**2.65**	J	"	0.497	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.40	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	1.47	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
79-01-6	Trichloroethylene	ND		"	1.23	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-69-4	Trichlorofluoromethane	ND		"	1.97	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"
75-01-4	Vinyl Chloride	ND		"	2.10	12.9	"	"	02/12/2010 07:06	02/12/2010 07:06	"

Sample Information

Client Sample ID: **B-1** **York Sample ID:** **10B0264-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Semi-Volatiles, PAH Target List

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		"	96.6	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
208-96-8	Acenaphthylene	ND		"	46.7	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
120-12-7	**Anthracene**	**53.7**	J	"	41.3	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
56-55-3	**Benzo(a)anthracene**	**186**	J	"	64.5	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
50-32-8	**Benzo(a)pyrene**	**168**	J	"	43.5	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
205-99-2	**Benzo(b)fluoranthene**	**124**	J	"	63.4	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
191-24-2	**Benzo(g,h,i)perylene**	**83.8**	J	"	50.1	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
207-08-9	**Benzo(k)fluoranthene**	**181**	J	"	64.5	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
218-01-9	**Chrysene**	**194**	J	"	67.2	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	42.1	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
206-44-0	**Fluoranthene**	**315**		"	96.6	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
86-73-7	Fluorene	ND		"	46.7	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	61.5	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
91-20-3	Naphthalene	ND		"	49.8	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
85-01-8	**Phenanthrene**	**198**	J	"	61.5	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"
129-00-0	**Pyrene**	**256**		"	59.8	215	"	"	02/11/2010 07:53	02/11/2010 21:48	"

Polychlorinated Biphenyls (PCB)

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	0.00790	0.0219	1	EPA SW 846-8082	02/11/2010 08:03	02/11/2010 21:28	JW
11104-28-2	Aroclor 1221	ND		"	0.00790	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
11141-16-5	Aroclor 1232	ND		"	0.00790	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
53469-21-9	Aroclor 1242	ND		"	0.00790	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
12672-29-6	Aroclor 1248	ND		"	0.00790	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
11097-69-1	Aroclor 1254	ND		"	0.00680	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
11096-82-5	Aroclor 1260	ND		"	0.00680	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
37324-23-5	Aroclor 1262	ND		"	0.00680	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"
11100-14-4	Aroclor 1268	ND		"	0.00680	0.0219	"	"	02/11/2010 08:03	02/11/2010 21:28	"

Sample Information

Client Sample ID: **B-1** **York Sample ID:** **10B0264-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**18800**		mg/kg dry	1.26	2.58	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 19:57	MW
7440-36-0	Antimony	ND		"	0.140	0.387	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-38-2	**Arsenic**	**8.66**		"	0.190	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-39-3	**Barium**	**220**		"	0.240	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-41-7	**Beryllium**	**0.437**		"	0.008	0.013	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-43-9	Cadmium	ND		"	0.130	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-70-2	**Calcium**	**1990**		"	0.043	2.58	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-47-3	**Chromium**	**23.1**		"	0.080	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-48-4	**Cobalt**	**13.7**		"	0.080	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-50-8	**Copper**	**149**		"	0.140	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7439-89-6	**Iron**	**31800**		"	0.550	1.29	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7439-92-1	**Lead**	**349**		"	0.100	0.387	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7439-95-4	**Magnesium**	**5940**		"	0.820	2.58	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7439-96-5	**Manganese**	**292**		"	0.080	1.29	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-02-0	**Nickel**	**34.8**		"	0.070	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-09-7	**Potassium**	**1770**		"	2.72	12.9	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7782-49-2	**Selenium**	**2.34**		"	0.211	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-22-4	Silver	ND		"	0.090	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-23-5	**Sodium**	**103**		"	6.72	12.9	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-28-0	Thallium	ND		"	0.190	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-62-2	**Vanadium**	**34.9**		"	0.080	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"
7440-66-6	**Zinc**	**169**		"	0.070	0.644	"	"	02/10/2010 09:54	02/10/2010 19:57	"

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.934**		mg/kg dry	0.0970	0.129	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 16:12	AA

Sample Information

Client Sample ID: B-1 **York Sample ID:** 10B0264-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**77.6**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: B-2 **York Sample ID:** 10B0264-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.17	13.3	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 05:16	SS
71-55-6	1,1,1-Trichloroethane	ND		"	2.05	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	1.23	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	1.30	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
79-00-5	1,1,2-Trichloroethane	ND		"	1.32	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-34-3	1,1-Dichloroethane	ND		"	1.49	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-35-4	1,1-Dichloroethylene	ND		"	2.87	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
563-58-6	1,1-Dichloropropylene	ND		"	0.929	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.799	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
96-18-4	1,2,3-Trichloropropane	ND		"	2.46	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	1.04	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
95-63-6	**1,2,4-Trimethylbenzene**	**4.97**	J	"	1.14	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	2.85	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
106-93-4	1,2-Dibromoethane	ND		"	1.47	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
95-50-1	1,2-Dichlorobenzene	ND		"	1.27	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
107-06-2	1,2-Dichloroethane	ND		"	1.40	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.475	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.799	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
541-73-1	1,3-Dichlorobenzene	ND		"	1.02	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
142-28-9	1,3-Dichloropropane	ND		"	1.49	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
106-46-7	1,4-Dichlorobenzene	ND		"	1.47	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
594-20-7	2,2-Dichloropropane	ND		"	2.07	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
95-49-8	2-Chlorotoluene	ND		"	1.06	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
106-43-4	4-Chlorotoluene	ND		"	1.06	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
71-43-2	Benzene	ND		"	1.04	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"

Sample Information

Client Sample ID: B-2 **York Sample ID:** 10B0264-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.32	13.3	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 05:16	"
74-97-5	Bromochloromethane	ND		"	2.76	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-27-4	Bromodichloromethane	ND		"	1.34	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-25-2	Bromoform	ND		"	1.25	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
74-83-9	Bromomethane	ND		"	2.68	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
56-23-5	Carbon tetrachloride	ND		"	2.25	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
108-90-7	Chlorobenzene	ND		"	0.756	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-00-3	Chloroethane	ND		"	1.64	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
67-66-3	Chloroform	ND		"	0.778	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
74-87-3	Chloromethane	ND		"	1.92	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	2.07	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.756	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
124-48-1	Dibromochloromethane	ND		"	1.45	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
74-95-3	Dibromomethane	ND		"	2.87	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
87-68-3	Dichlorodifluoromethane	ND		"	1.79	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
100-41-4	Ethyl Benzene	ND		"	0.756	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
87-68-3	Hexachlorobutadiene	ND		"	0.929	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
98-82-8	Isopropylbenzene	ND		"	0.842	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.821	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-09-2	**Methylene chloride**	**18.4**	B, J	"	2.29	26.6	"	"	02/11/2010 18:04	02/13/2010 05:16	"
91-20-3	**Naphthalene**	**3.35**	B, J	"	1.08	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
104-51-8	n-Butylbenzene	ND		"	0.691	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
103-65-1	n-Propylbenzene	ND		"	1.25	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
95-47-6	o-Xylene	ND		"	1.08	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
1330-20-7P/M	**p- & m- Xylenes**	**6.57**	J	"	1.19	26.6	"	"	02/11/2010 18:04	02/13/2010 05:16	"
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.540	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
135-98-8	sec-Butylbenzene	ND		"	1.12	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
100-42-5	Styrene	ND		"	0.929	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
98-06-6	tert-Butylbenzene	ND		"	0.994	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
127-18-4	Tetrachloroethylene	ND		"	1.12	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
108-88-3	**Toluene**	**3.69**	J	"	0.497	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.40	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	1.47	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
79-01-6	Trichloroethylene	ND		"	1.23	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"
75-69-4	Trichlorofluoromethane	ND		"	1.97	13.3	"	"	02/11/2010 18:04	02/13/2010 05:16	"

Sample Information

Client Sample ID: B-2 **York Sample ID:** 10B0264-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	2.10	13.3	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 05:16	"

Semi-Volatiles, PAH Target List

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		"	96.6	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
208-96-8	**Acenaphthylene**	**66.5**	J	"	46.7	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
120-12-7	**Anthracene**	**58.9**	J	"	41.3	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
56-55-3	**Benzo(a)anthracene**	**322**		"	64.5	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
50-32-8	**Benzo(a)pyrene**	**369**		"	43.5	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
205-99-2	**Benzo(b)fluoranthene**	**302**		"	63.4	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
191-24-2	**Benzo(g,h,i)perylene**	**184**	J	"	50.1	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
207-08-9	**Benzo(k)fluoranthene**	**323**		"	64.5	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
218-01-9	**Chrysene**	**332**		"	67.2	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	42.1	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
206-44-0	**Fluoranthene**	**471**		"	96.6	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
86-73-7	Fluorene	ND		"	46.7	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
193-39-5	**Indeno(1,2,3-cd)pyrene**	**200**	J	"	61.5	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
91-20-3	Naphthalene	ND		"	49.8	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
85-01-8	**Phenanthrene**	**171**	J	"	61.5	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"
129-00-0	**Pyrene**	**428**		"	59.8	222	"	"	02/11/2010 07:53	02/11/2010 22:20	"

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15200**		mg/kg dry	1.26	2.66	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 20:01	MW
7440-36-0	Antimony	ND		"	0.140	0.399	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-38-2	**Arsenic**	**7.47**		"	0.190	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-39-3	**Barium**	**187**		"	0.240	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-41-7	**Beryllium**	**0.372**		"	0.008	0.013	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-43-9	Cadmium	ND		"	0.130	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-70-2	**Calcium**	**3630**		"	0.043	2.66	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-47-3	**Chromium**	**18.7**		"	0.080	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-48-4	**Cobalt**	**10.8**		"	0.080	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-50-8	**Copper**	**85.4**		"	0.140	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7439-89-6	**Iron**	**25900**		"	0.550	1.33	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7439-92-1	**Lead**	**735**		"	0.100	0.399	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7439-95-4	**Magnesium**	**4610**		"	0.820	2.66	"	"	02/10/2010 09:54	02/10/2010 20:01	"

Sample Information

Client Sample ID: B-2 **York Sample ID:** 10B0264-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**447**		mg/kg dry	0.080	1.33	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 20:01	"
7440-02-0	**Nickel**	**28.7**		"	0.070	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-09-7	**Potassium**	**1600**		"	2.72	13.3	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7782-49-2	**Selenium**	**2.13**		"	0.211	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-22-4	Silver	ND		"	0.090	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-23-5	**Sodium**	**108**		"	6.72	13.3	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-28-0	Thallium	ND		"	0.190	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-62-2	**Vanadium**	**28.3**		"	0.080	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"
7440-66-6	**Zinc**	**158**		"	0.070	0.665	"	"	02/10/2010 09:54	02/10/2010 20:01	"

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0970	0.133	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 16:12	AA

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**75.2**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: B-3 **York Sample ID:** 10B0264-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.17	15.0	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:00	SS
71-55-6	1,1,1-Trichloroethane	ND		"	2.05	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	1.23	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	1.30	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
79-00-5	1,1,2-Trichloroethane	ND		"	1.32	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-34-3	1,1-Dichloroethane	ND		"	1.49	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-35-4	1,1-Dichloroethylene	ND		"	2.87	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
563-58-6	1,1-Dichloropropylene	ND		"	0.929	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.799	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"

Sample Information

Client Sample ID: B-3 **York Sample ID:** 10B0264-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5035B

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/kg dry	2.46	15.0	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:00	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	1.04	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	1.14	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	2.85	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
106-93-4	1,2-Dibromoethane	ND		"	1.47	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
95-50-1	1,2-Dichlorobenzene	ND		"	1.27	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
107-06-2	1,2-Dichloroethane	ND		"	1.40	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.475	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.799	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
541-73-1	1,3-Dichlorobenzene	ND		"	1.02	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
142-28-9	1,3-Dichloropropane	ND		"	1.49	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
106-46-7	1,4-Dichlorobenzene	ND		"	1.47	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
594-20-7	2,2-Dichloropropane	ND		"	2.07	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
95-49-8	2-Chlorotoluene	ND		"	1.06	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
106-43-4	4-Chlorotoluene	ND		"	1.06	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
71-43-2	Benzene	ND		"	1.04	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
108-86-1	Bromobenzene	ND		"	1.32	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
74-97-5	Bromochloromethane	ND		"	2.76	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-27-4	Bromodichloromethane	ND		"	1.34	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-25-2	Bromoform	ND		"	1.25	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
74-83-9	Bromomethane	ND		"	2.68	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
56-23-5	Carbon tetrachloride	ND		"	2.25	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
108-90-7	Chlorobenzene	ND		"	0.756	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-00-3	Chloroethane	ND		"	1.64	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
67-66-3	Chloroform	ND		"	0.778	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
74-87-3	Chloromethane	ND		"	1.92	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	2.07	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.756	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
124-48-1	Dibromochloromethane	ND		"	1.45	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
74-95-3	Dibromomethane	ND		"	2.87	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
87-68-3	Dichlorodifluoromethane	ND		"	1.79	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
100-41-4	Ethyl Benzene	ND		"	0.756	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
87-68-3	Hexachlorobutadiene	ND		"	0.929	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
98-82-8	Isopropylbenzene	ND		"	0.842	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.821	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"

Sample Information

Client Sample ID: **B-3** **York Sample ID:** **10B0264-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**25.7**	B, J	ug/kg dry	2.29	30.0	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:00	"
91-20-3	Naphthalene	ND		"	1.08	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
104-51-8	n-Butylbenzene	ND		"	0.691	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
103-65-1	n-Propylbenzene	ND		"	1.25	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
95-47-6	o-Xylene	ND		"	1.08	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
1330-20-7P/M	**p- & m- Xylenes**	**3.48**	J	"	1.19	30.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.540	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
135-98-8	sec-Butylbenzene	ND		"	1.12	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
100-42-5	Styrene	ND		"	0.929	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
98-06-6	tert-Butylbenzene	ND		"	0.994	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
127-18-4	Tetrachloroethylene	ND		"	1.12	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
108-88-3	**Toluene**	**5.88**	J	"	0.497	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.40	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	1.47	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
79-01-6	Trichloroethylene	ND		"	1.23	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-69-4	Trichlorofluoromethane	ND		"	1.97	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"
75-01-4	Vinyl Chloride	ND		"	2.10	15.0	"	"	02/11/2010 18:04	02/13/2010 06:00	"

Semi-Volatiles, PAH Target List

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		"	96.6	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
208-96-8	Acenaphthylene	ND		"	46.7	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
120-12-7	**Anthracene**	**306**		"	41.3	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
56-55-3	**Benzo(a)anthracene**	**666**		"	64.5	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
50-32-8	**Benzo(a)pyrene**	**889**		"	43.5	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
205-99-2	**Benzo(b)fluoranthene**	**392**		"	63.4	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
191-24-2	**Benzo(g,h,i)perylene**	**191**	J	"	50.1	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
207-08-9	**Benzo(k)fluoranthene**	**511**		"	64.5	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
218-01-9	**Chrysene**	**625**		"	67.2	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	42.1	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
206-44-0	**Fluoranthene**	**1240**		"	96.6	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
86-73-7	**Fluorene**	**106**	J	"	46.7	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
193-39-5	**Indeno(1,2,3-cd)pyrene**	**222**	J	"	61.5	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
91-20-3	Naphthalene	ND		"	49.8	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
85-01-8	**Phenanthrene**	**973**		"	61.5	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"
129-00-0	**Pyrene**	**1010**		"	59.8	250	"	"	02/11/2010 07:53	02/11/2010 22:51	"

Sample Information

Client Sample ID: B-3 **York Sample ID:** 10B0264-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Polychlorinated Biphenyls (PCB)

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	0.00790	0.0255	1	EPA SW 846-8082	02/11/2010 08:03	02/11/2010 22:00	JW
11104-28-2	Aroclor 1221	ND		"	0.00790	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
11141-16-5	Aroclor 1232	ND		"	0.00790	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
53469-21-9	Aroclor 1242	ND		"	0.00790	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
12672-29-6	Aroclor 1248	ND		"	0.00790	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
11097-69-1	Aroclor 1254	ND		"	0.00680	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
11096-82-5	Aroclor 1260	ND		"	0.00680	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
37324-23-5	Aroclor 1262	ND		"	0.00680	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"
11100-14-4	Aroclor 1268	ND		"	0.00680	0.0255	"	"	02/11/2010 08:03	02/11/2010 22:00	"

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13000**		mg/kg dry	1.26	3.00	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 20:06	MW
7440-36-0	**Antimony**	**0.787**		"	0.140	0.450	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-38-2	**Arsenic**	**10.7**		"	0.190	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-39-3	**Barium**	**202**		"	0.240	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-41-7	**Beryllium**	**0.385**		"	0.008	0.015	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-43-9	Cadmium	ND		"	0.130	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-70-2	**Calcium**	**7120**		"	0.043	3.00	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-47-3	**Chromium**	**19.5**		"	0.080	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-48-4	**Cobalt**	**11.7**		"	0.080	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-50-8	**Copper**	**103**		"	0.140	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7439-89-6	**Iron**	**24000**		"	0.550	1.50	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7439-92-1	**Lead**	**532**		"	0.100	0.450	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7439-95-4	**Magnesium**	**5380**		"	0.820	3.00	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7439-96-5	**Manganese**	**306**		"	0.080	1.50	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-02-0	**Nickel**	**31.9**		"	0.070	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-09-7	**Potassium**	**1890**		"	2.72	15.0	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7782-49-2	**Selenium**	**3.32**		"	0.211	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-22-4	Silver	ND		"	0.090	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-23-5	**Sodium**	**151**		"	6.72	15.0	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-28-0	Thallium	ND		"	0.190	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-62-2	**Vanadium**	**27.2**		"	0.080	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"
7440-66-6	**Zinc**	**313**		"	0.070	0.750	"	"	02/10/2010 09:54	02/10/2010 20:06	"

Sample Information

Client Sample ID: B-3 **York Sample ID:** 10B0264-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0970	0.150	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 16:12	AA

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**66.7**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

Sample Information

Client Sample ID: B-4 **York Sample ID:** 10B0264-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

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	1.17	11.6	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:44	SS
71-55-6	1,1,1-Trichloroethane	ND		"	2.05	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
79-34-5	1,1,2,2-Tetrachloroethane	ND		"	1.23	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		"	1.30	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
79-00-5	1,1,2-Trichloroethane	ND		"	1.32	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-34-3	1,1-Dichloroethane	ND		"	1.49	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-35-4	1,1-Dichloroethylene	ND		"	2.87	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
563-58-6	1,1-Dichloropropylene	ND		"	0.929	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
87-61-6	1,2,3-Trichlorobenzene	ND		"	0.799	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
96-18-4	1,2,3-Trichloropropane	ND		"	2.46	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
120-82-1	1,2,4-Trichlorobenzene	ND		"	1.04	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
95-63-6	1,2,4-Trimethylbenzene	ND		"	1.14	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
96-12-8	1,2-Dibromo-3-chloropropane	ND		"	2.85	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
106-93-4	1,2-Dibromoethane	ND		"	1.47	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
95-50-1	1,2-Dichlorobenzene	ND		"	1.27	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
107-06-2	1,2-Dichloroethane	ND		"	1.40	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.475	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
108-67-8	1,3,5-Trimethylbenzene	ND		"	0.799	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
541-73-1	1,3-Dichlorobenzene	ND		"	1.02	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
142-28-9	1,3-Dichloropropane	ND		"	1.49	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"

Sample Information

Client Sample ID: B-4 **York Sample ID:** 10B0264-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.47	11.6	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:44	"
594-20-7	2,2-Dichloropropane	ND		"	2.07	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
95-49-8	2-Chlorotoluene	ND		"	1.06	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
106-43-4	4-Chlorotoluene	ND		"	1.06	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
71-43-2	Benzene	ND		"	1.04	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
108-86-1	Bromobenzene	ND		"	1.32	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
74-97-5	Bromochloromethane	ND		"	2.76	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-27-4	Bromodichloromethane	ND		"	1.34	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-25-2	Bromoform	ND		"	1.25	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
74-83-9	Bromomethane	ND		"	2.68	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
56-23-5	Carbon tetrachloride	ND		"	2.25	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
108-90-7	Chlorobenzene	ND		"	0.756	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-00-3	Chloroethane	ND		"	1.64	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
67-66-3	Chloroform	ND		"	0.778	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
74-87-3	Chloromethane	ND		"	1.92	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
156-59-2	cis-1,2-Dichloroethylene	ND		"	2.07	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
10061-01-5	cis-1,3-Dichloropropylene	ND		"	0.756	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
124-48-1	Dibromochloromethane	ND		"	1.45	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
74-95-3	Dibromomethane	ND		"	2.87	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
87-68-3	Dichlorodifluoromethane	ND		"	1.79	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
100-41-4	Ethyl Benzene	ND		"	0.756	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
87-68-3	Hexachlorobutadiene	ND		"	0.929	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
98-82-8	Isopropylbenzene	ND		"	0.842	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		"	0.821	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-09-2	**Methylene chloride**	**19.8**	B, J	"	2.29	23.2	"	"	02/11/2010 18:04	02/13/2010 06:44	"
91-20-3	Naphthalene	ND		"	1.08	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
104-51-8	n-Butylbenzene	ND		"	0.691	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
103-65-1	n-Propylbenzene	ND		"	1.25	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
95-47-6	o-Xylene	ND		"	1.08	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
1330-20-7P/M	p- & m- Xylenes	ND		"	1.19	23.2	"	"	02/11/2010 18:04	02/13/2010 06:44	"
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.540	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
135-98-8	sec-Butylbenzene	ND		"	1.12	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
100-42-5	Styrene	ND		"	0.929	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
98-06-6	tert-Butylbenzene	ND		"	0.994	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
127-18-4	Tetrachloroethylene	ND		"	1.12	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"

Sample Information

Client Sample ID: **B-4** **York Sample ID:** **10B0264-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**3.03**	J	ug/kg dry	0.497	11.6	2	EPA SW846-8260B	02/11/2010 18:04	02/13/2010 06:44	"
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.40	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
10061-02-6	trans-1,3-Dichloropropylene	ND		"	1.47	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
79-01-6	Trichloroethylene	ND		"	1.23	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-69-4	Trichlorofluoromethane	ND		"	1.97	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"
75-01-4	Vinyl Chloride	ND		"	2.10	11.6	"	"	02/11/2010 18:04	02/13/2010 06:44	"

Semi-Volatiles, PAH Target List

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		"	96.6	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
208-96-8	Acenaphthylene	ND		"	46.7	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
120-12-7	Anthracene	ND		"	41.3	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
56-55-3	Benzo(a)anthracene	ND		"	64.5	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
50-32-8	Benzo(a)pyrene	ND		"	43.5	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
205-99-2	Benzo(b)fluoranthene	ND		"	63.4	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
191-24-2	Benzo(g,h,i)perylene	ND		"	50.1	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
207-08-9	Benzo(k)fluoranthene	ND		"	64.5	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
218-01-9	Chrysene	ND		"	67.2	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
53-70-3	Dibenzo(a,h)anthracene	ND		"	42.1	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
206-44-0	Fluoranthene	ND		"	96.6	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
86-73-7	Fluorene	ND		"	46.7	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
193-39-5	Indeno(1,2,3-cd)pyrene	ND		"	61.5	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
91-20-3	Naphthalene	ND		"	49.8	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
85-01-8	Phenanthrene	ND		"	61.5	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"
129-00-0	Pyrene	ND		"	59.8	193	"	"	02/11/2010 07:53	02/11/2010 23:54	"

Sample Information

Client Sample ID: B-4 **York Sample ID:** 10B0264-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Polychlorinated Biphenyls (PCB)

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	0.00790	0.0197	1	EPA SW 846-8082	02/11/2010 08:03	02/12/2010 22:31	JW
11104-28-2	Aroclor 1221	ND		"	0.00790	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
11141-16-5	Aroclor 1232	ND		"	0.00790	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
53469-21-9	Aroclor 1242	ND		"	0.00790	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
12672-29-6	Aroclor 1248	ND		"	0.00790	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
11097-69-1	Aroclor 1254	ND		"	0.00680	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
11096-82-5	Aroclor 1260	ND		"	0.00680	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
37324-23-5	Aroclor 1262	ND		"	0.00680	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"
11100-14-4	Aroclor 1268	ND		"	0.00680	0.0197	"	"	02/11/2010 08:03	02/12/2010 22:31	"

Metals, Target Analyte

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**19600**		mg/kg dry	1.26	2.32	1	EPA SW846-6010B	02/10/2010 09:54	02/10/2010 20:22	MW
7440-36-0	Antimony	ND		"	0.140	0.347	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-38-2	**Arsenic**	**16.3**		"	0.190	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-39-3	**Barium**	**158**		"	0.240	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-41-7	**Beryllium**	**0.801**		"	0.008	0.012	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-43-9	**Cadmium**	**1.28**		"	0.130	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-70-2	**Calcium**	**4800**		"	0.043	2.32	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-47-3	**Chromium**	**28.0**		"	0.080	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-48-4	**Cobalt**	**18.8**		"	0.080	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-50-8	**Copper**	**55.4**		"	0.140	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7439-89-6	**Iron**	**55900**		"	0.550	1.16	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7439-92-1	**Lead**	**196**		"	0.100	0.347	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7439-95-4	**Magnesium**	**6910**		"	0.820	2.32	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7439-96-5	**Manganese**	**691**		"	0.080	1.16	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-02-0	**Nickel**	**50.1**		"	0.070	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-09-7	**Potassium**	**2190**		"	2.72	11.6	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7782-49-2	**Selenium**	**0.619**		"	0.211	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-22-4	Silver	ND		"	0.090	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-23-5	**Sodium**	**144**		"	6.72	11.6	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-28-0	Thallium	ND		"	0.190	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-62-2	**Vanadium**	**38.1**		"	0.080	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"
7440-66-6	**Zinc**	**131**		"	0.070	0.579	"	"	02/10/2010 09:54	02/10/2010 20:22	"

Sample Information

Client Sample ID: B-4 **York Sample ID:** 10B0264-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10B0264	AA06166.21	Soil	February 4, 2010 3:00 pm	02/05/2010

Mercury by 7470/7471

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0970	0.116	1	EPA SW846-7471	02/12/2010 16:12	02/12/2010 16:12	AA

Total Solids

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	**86.4**		%	0.100	0.100	1	SM 2540G	02/17/2010 09:57	02/17/2010 09:57	AD

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Notes and Definitions

J	Detected but below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated blank as well as in the sample.

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.

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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. 10B0264

Client Information		Report to:		Invoice To:	
Company:	Ecosystems Strategies, Inc.	SAME	X	SAME	
Address:	24 Davis Ave	Name:		Name:	Brenda
	Poughkeepsie, NY 12603	Company:		Company:	Ecosystems Strategies, Inc.
Phone no.:	(845) 452-1658	Address:		Address:	24 Davis Ave
Contact Person	Brian				Poughkeepsie, NY 12603
E-mail Addr.:	brian@ecosystemsstrategies.com	E-mail:		E-mail	
FAX No.:	(845) 485-4073	Fax No.:		Fax No.:	

Client Project ID: AA061662.1

Purchase Order no.:

Samples from: CT__ NY__ NJ__

Turn-Around Time		Report Type/Deliverables	
RUSH Same Day		Summary	
RUSH Next Day		QA/QC Summary	
RUSH Two Day		CT RCP Pkg	
RUSH Three Day		ASP A Pkg	
RUSH Four Day		ASP B Pkg	
Standard (5-7 days)	X	Excel	
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.

Brian Brandt
Samples Collected/Authorized By (Signature)

Brian Brandt
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			Special Instructions
8260 full	TICs	8270 or 625	8082PCB	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 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 (Soil Deliverables)	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	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1 (0-4")	2/4/2010	S	TAL Metals + PCBs	8 oz
MW-2 (0-4")	2/4/2010	S	TAL Metals + PCBs	8 oz
MW-1 (3-4')	2/4/2010	S	Total Lead	8 oz
MW-1 (12-13')	2/4/2010	S	Total Lead	8 oz
MW-2 (3-4')	2/4/2010	S	Total Lead	8 oz
MW-2 (12-13')	2/4/2010	S	Total Lead	8 oz
MW-3 (0-4")	2/4/2010	S	Total Lead	8 oz
MW-3 (3-4')	2/4/2010	S	Total Lead	8 oz
MW-3 (12-13')	2/4/2010	S	Total Lead	8 oz
MW-4 (0-4")	2/4/2010	S	Total Lead	8 oz

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

	Date/Time		Date/Time	Temperature on Receipt
M. Cox	2-5-10	Chris C	2-5-10 15:00	3.5 °C
Samples Relinquished By		Samples Received By		
		P. Grace	2/5/10 1640	
Samples Relinquished By		Samples Received in LAB by		

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Field Chain-of-Custody Record

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York Project No. 10B0264

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	Ecosystems Strategies, Inc.	SAME	X	SAME			RUSH Same Day		Summary	
Address:	24 Davis Ave	Name:		Name:	Brenda		RUSH Next Day		QA/QC Summary	
	Poughkeepsie, NY 12603	Company:		Company:	Ecosystems Strategies, Inc.		RUSH Two Day		CT RCP Pkg	
Phone no.:	(845) 452-1658	Address:		Address:	24 Davis Ave	Purchase Order no.	RUSH Three Day		ASP A Pkg	
Contact Person	Brian				Poughkeepsie, NY 12603		RUSH Four Day		ASP B Pkg	
E-mail Addr.:	brian@ecosystemsstrategies.com	E-mail:		E-mail			Standard (5-7 days)	X	Excel	
FAX No.:	(845) 485-4073	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)

Name (printed)

Matrix Codes
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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
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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 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 Not Detected Values	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	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-4 (3-4')	2/4/2010	S	Total Lead	8 oz
MW-4 (12-13')	2/4/2010	S	Total Lead	8 oz
B-1	2/4/2010	S	8260 Full, PAHs, TAL Metals, PCBs	8 oz + 2oz
B-2	2/4/2010	S	8260 Full, PAHs, TAL Metals	8 oz + 2oz
B-3	2/4/2010	S	8260 Full, PAHs, TAL Metals, PCBs	8 oz + 2oz
B-4	2/4/2010	S	8260 Full, PAHs, TAL Metals, PCBs	8 oz + 2oz

Comments

Preservation "X" those applicable

Cool 4°C___ HNO3___ H2SO4___ NaOH___ NONE___ FROZEN___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by P. Grace	Date/Time 2/5/10 1640

Temperature on Receipt 3.5°C