

SUPPLEMENTARY REMEDIATION REPORT

For The Property Located At

**91 North 12th Street
Borough of Brooklyn
Kings County, New York**

NYSDEC Spill File: 9906462

October 2010 – REVISED November 2010

ESI File: PB09025.55



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Prepared By:

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24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

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Coconut Grove, Florida 33133

The undersigned has reviewed this Supplementary Remediation Report and certifies to Elliot Prigozen 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

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1.0 INTRODUCTION

1.1 Purpose

This Supplementary Remediation Report (Report) summarizes all services (performed by Ecosystems Strategies, Inc. [ESI] personnel and/or designated subcontractors) associated with the excavation of contaminated soil near the sediment trap and monitoring well BK-14. This Report provides written documentation of all contaminated soil excavation procedures and documents the integrity of remaining on-site soils.

1.2 Site Location and Description

The subject property is located at 91 North 12th Street, Borough of Brooklyn, New York, and is occupied by a construction equipment rental business. The property is an approximately 1.8-acre, rectangular-shaped parcel having frontage on the northern side of North 12th Street, the southern side of North 13th Street, the southeastern side of Kent Avenue, and the northwestern side of Wythe Avenue. The property is located in a primarily industrial area east of the East River and is currently operated as a construction equipment rental business with on-site repair shops, warehouses/offices, and storage buildings. The facility formerly contained numerous aboveground tanks and twelve USTs, which have been removed with the exception of one 550-gallon gasoline UST which was closed in place. The specified portions of the property on which soil removal was conducted (hereafter referred to as the "Site") consists of an area in the southern central portion of the property, immediately east of the machine shop. A Fieldwork Map indicating specific Site characteristics is located in Appendix A.

1.3 Limitations

This written analysis summarizes soil excavation and removal activities conducted on specified portions of the above-referenced property and is not relevant to other portions of this property or any other property. This Report presents Site conditions as of the respective dates of the soil sampling/removal activities, and 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.

1.4 Conditions of Concern

An ESI Tank Closure Site Assessment and Site Remediation Report, dated October 2009 described the excavation of previously identified contaminated soil from a location east of the northern end of the onsite machine shop. Subsequent quarterly groundwater monitoring documented an improvement in groundwater quality, but petroleum contaminants remained at concentrations above groundwater protection standards. The NYSDEC requested additional remediation of another area of localized contaminated soil, located in the vicinity of a sediment trap and monitoring well BK-14, southeast of the machine shop.

1.5 Objectives

The objectives of the fieldwork conducted by ESI were detailed in the RAWP, dated July 2009 and included:

- Excavation and off-site disposal of petroleum-contaminated soils southeast of the machine shop in the vicinity of the sediment trap and monitoring well BK-14;
- Post-excavation confirmatory endpoint sampling to document contaminant levels in remaining soils;
- Groundwater monitoring to document post-remedial VOC concentrations in wells downgradient of soil contamination southeast of the machine shop (wells MW-1, BK-4, BK-13, and BK-15).

2.0 SUMMARY OF FIELDWORK

2.1 Overview of Services

This Report documents the following fieldwork activities:

- Excavation and removal of contaminated soil in the vicinity of the sediment trap and monitoring well BK-14;
- Collection of soil samples to document the presence or absence of remaining contamination; and,
- The collection of soil and groundwater samples in the vicinity of excavations conducted southeast of the machine (monitoring wells MW-1, BK-4, BK-13, and BK-15).

Section 2.2 of this Report documents the excavation of contaminated soil. Section 2.3 documents soil and groundwater sample collection procedures and Section 2.4 presents the findings of laboratory analysis of collected samples. Section 3.0 provides conclusions and recommendations for further actions based on these on-site activities.

2.2 Contaminated Soil Excavation

2.2.1 Subcontractors

Excavation services were provided by on-site personnel retained by the Client. Laboratory services were subcontracted to York Analytical Laboratories, Inc. (York Laboratories), a New York State Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP Number 10854).

2.2.2 General Fieldwork Methodology

Excavation activities were performed on August 12, 2010 by ESI, and by designated subcontractors and Client's agents under ESI's overall supervision (see below). ESI personnel observed and documented all excavation activities, and maintained independent field logs documenting fieldwork activities and observation (a Fieldwork Map is provided in Appendix A and photographs are included as Appendix B. Relevant information from ESI logs is summarized in Table 1, Appendix D).

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

2.2.3 Fieldwork Activities

Excavation in the area immediately southeast of the machine shop found no field evidence of contamination until groundwater was encountered at approximately 7 feet below surface grad (bsg) and in shallow soils at the far southeastern corner of the excavation where an area of heavy, bituminous material was encountered at between 2 and 3 feet bsg. Contaminated soil was excavated and stockpiled pending off-site disposal and confirmatory endpoint samples were collected prior to backfilling the excavation (see Section 2.4, below).

After soil sampling (see Section 2.4, below), excavations were backfilled with excavated material that exhibited no field evidence of contamination and crushed concrete imported to the Site by the client.

2.3 Sample Collection

2.3.1 Soil Sampling

Soil sampling was conducted by ESI around the walls and floor of the excavation. Five endpoint samples N, S, W, E, and B were collected from the walls of the excavation immediately southeast of the machine shop. Wall samples (N, S, W, E) were collected from the groundwater interface at approximately 7' bsg and the bottom sample (B) was collected from 15 bsg, which was the limit of the excavation.

2.3.2 Groundwater Sampling

The monitoring wells BK-4, BK-13, BK-15, and MW-1 were purged prior to sample collection in order to restore the natural hydraulic connection between the well screen and surrounding soils, and to reduce turbidity and remove fines. Monitoring wells were purged (a minimum of three well volumes) using a peristaltic pump with dedicated tubing and were screened for the presence of any volatile vapors prior to sampling using the PID.

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 glassware. The soil sample collection instrument was decontaminated, as warranted, prior to the collection of each material sample, to avoid cross-contamination between samples. Dedicated, disposable polyethylene bailers were used at each groundwater monitoring well to place water samples into laboratory supplied vials and jars (all vials used for the collection of water for VOC analysis contained hydrochloric acid as a preservative).

All sample containers were placed in a cooler immediately after sample collection and were maintained at cool temperatures. The soil samples were transported the following day via courier to the laboratory for chemical analyses. Appropriate chain-of-custody procedures were followed.

2.3.3 Observations

Excavations in Vicinity of Machine Shop

Excavation wall and floor soil samples were comprised of slightly moist grayish brown sand with traces of fill. Petroleum odors and PID readings between 300 and 600 were recorded.

2.4 Laboratory Analysis and Discussion

A discussion of the results of laboratory analysis of soil and water samples is presented below. Data Summary Tables are provided in Appendix D and complete laboratory data are provided in Appendix E.

2.4.1 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 that 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 or groundwater with contaminant concentrations 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 NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM 4046), including subsequent NYSDEC memoranda. Guidance levels for organic compounds in groundwater are based on 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 and all detected compounds with their respective guidance levels are provided in the data summary tables.

2.4.2 Soil Samples

Samples N,S,W, E and B were submitted for analysis of polycyclic aromatic hydrocarbons (PAHs) using USEPA Method 8270 and VOCs using USEPA Method 8260 (STARS List only).

VOCs

Twelve VOCs were detected at concentrations above their respective guidance levels in sample "B", collected from the bottom of the excavation. The peak VOC concentration detected was 1,2,4-trimethylbenzene (guidance level 10,000 µg/Kg) at 210,000 µg/Kg, but with the exception of this compound, no VOCs were detected above 37,000 µg/Kg which was the detected concentration for n-propylbenzene (guidance level 1,200 µg/Kg). One VOC, tert-butylbenzene was detected below the guidance level of 10,000 µg/Kg at an estimated concentration of 2,500 µg/Kg.

VOCs were detected at concentrations below their respective guidance values in the wall samples N,S,W and E. The peak VOC concentration in these samples was naphthalene (guidance level 10,000 µg/Kg) detected at 1,400 µg/Kg.

PAHs

No PAHs were detected above guidance levels in any of the samples. Naphthalene (guidance level 13,000 µg/Kg) was detected at 11,500 µg/Kg in sample B. This was the peak PAH concentration detected in all of the samples. Estimated concentrations of three PAHs were detected below guidance levels in sample E with a peak PAH concentration of phenanthrene (guidance level 50,000 µg/Kg) at 1,490 µg/Kg. No PAHs were detected above guidance levels in samples N, S, and W.

2.4.3 Groundwater Samples

Groundwater samples MW-1, BK-4, BK-13, and BK-15 were submitted for analysis of VOCs using USEPA Method 8260.

VOCs

A total of seven VOCs were detected above guidance levels in all samples. Six of these were detected in sample BK-4 where the peak VOC concentration was for MTBE (guidance level 10 µg/L) detected at 43 µg/L. The concentration for the same compound in this sample in the previous sampling round (June 2010) had been 71 µg/L. The total VOC concentration in the June 2010 sampling round had been 118.7 µg/L and this fell to 96 µg/L in the September 2010 sampling round.

In sample BK-13, one VOC, isopropylbenzene (guidance level 5 µg/L) was detected above the guidance level at 21 µg/L. The total concentration for all VOCs in sample BK-13 in the June 2010 sampling round had been 91.5 µg/L and this had fallen to 27.4 µg/L in the September 2010.

No VOCs were detected above guidance levels in any of the other samples.

2.4.4 Discussion

Soil Samples

Laboratory results support the conclusion that petroleum contaminated soils remain at depths greater than 15' below the location of the former sediment trap and below static water level (i.e., inaccessible). The absence of elevated petroleum hydrocarbons in the wall samples supports the conclusion that the lateral extent of contamination has been identified and those impacted soils removed.

Groundwater Samples

Laboratory analysis of groundwater samples collected hydrologically down gradient of the excavations performed southeast of the machine shop indicate the continued presence of VOCs at concentrations above guidance levels in wells BK-4 and BK-13. Data for well BK-13 indicates a significant reduction in total VOCs from 91.5 µg/L to 27.4 µg/l. Additional rounds of groundwater sampling will be required in this vicinity to document post-remedial groundwater conditions.

2.5 Off-Site Disposal of Stockpiled Soil

All petroleum contaminated soil generated during on-site excavations has been properly disposed of off-site. A total of 63 tons of non-hazardous petroleum contaminated soil was removed from the Site on September 15, 2010. Soil removal was performed by PEI Disposal Group, Inc. and delivered to the Walter R. Earle Corp. repository in Jackson, New Jersey on the same day. Soil disposal manifests are included as Appendix C.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0 of this Report on the specified portion of the property, located at 91 North 12th Street, Borough of Brooklyn, New York. Services included: excavation of petroleum contaminated soils from a location east of the machine shop; off-site disposal of petroleum-contaminated soils; the collection and laboratory analysis of five confirmatory endpoint samples to document the integrity of remaining soils; and, the collection of four groundwater samples to document post-remedial groundwater quality.

Based on the services provided by this office and analytical data generated, the following conclusions and recommendations (shown in **bold**) are provided below.

1. Five confirmatory endpoint soil samples were collected from the walls and floor the excavation extended at the location of the sediment trap and former monitoring well BK-14. Petroleum contaminated soil was encountered beneath the sediment trap and approximately 60 cubic yards of such material was excavated and disposed of off-site. Endpoint samples document the presence of petroleum contamination at a depth of 15' below grade (the limit of the excavator); however, no VOCs above guidance levels were detected in side wall samples. These results support the conclusion that the majority of impacted soil associated with the sediment trap has been removed.

No further soil remediation is recommended.

2. Laboratory results from down gradient wells for samples collected subsequent to the excavation, suggest that remaining contaminated soils beneath the former sediment trap are not significantly impacting down-gradient groundwater. Specifically, sample results documented a significant decrease in total VOC concentrations at BK-13 (the closest down gradient well to the excavations) since the last pre-remediation sampling event (June 2010).

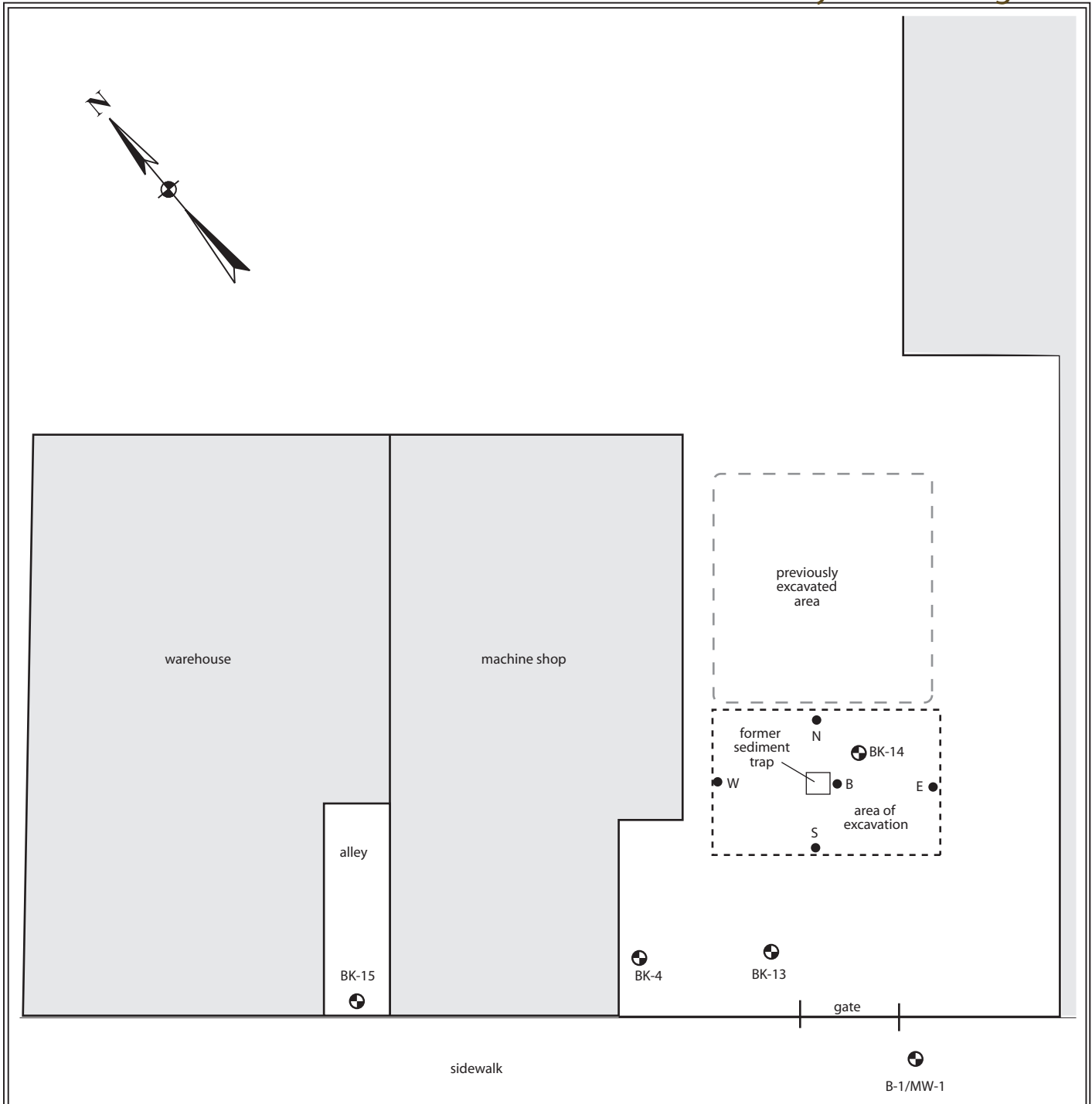
It is recommended that wells MW-1, BK-4, BK-13, BK-15 be sampled again after three months (December 2010) to document groundwater conditions in this portion of the Site and the results submitted to the NYSDEC in support of a petition to close Spill File # 9906462.






Ecosystems Strategies, Inc.

APPENDIX A

Fieldwork Map



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.

<p>Fieldwork Map 91 North 12th Street Borough of Brooklyn Kings County, New York</p>	<p>Legend:  subject property border  monitoring well location  sample location</p>	ESI File: PB09025.55
		October 2010
		Scale: 1" = 25' approximately
		Appendix A



Ecosystems Strategies, Inc.

APPENDIX B

Photographs



PHOTOGRAPHS



1. Concrete being broken around the former sediment trap. The yellow line shows the extent of the excavation.



2. Bottom of the excavation, looking from south to north.

APPENDIX C

Soil Disposal Documentation

PEI DISPOSAL GROUP, INC.

Log Number

33977

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

91920

Generator Name SUNBELT RENTALS Shipping Location JACKSON N.J.
Address 11 North 12th Street Address Walter Earl
Brooklyn, NY County Route 547

Approval
Number
0909011

Description of Material

--

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

R. Hoorn R. Hoorn 9/15/10
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MENDEA TRUCKING Driver Name (Print) Selvin Cardano
Address 490 UNION AVE BELLVILLE NJ 07109 Vehicle License No./State AJ 537N N.J.
Truck Number 83

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] 9/15/10 [Signature] 9/15/10
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____
Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] 9-15-10
Name of Authorized Agent Signature Receipt Date
BROKER

PURE SOIL TECHNOLOGIES
655 S. HOPE CHAPEL RD
JACKSON N.J. 08527
732-657-8551

Date: 09/15/10 Ticket #: 153704
Time: 13:57 Plant: P1

*** Recycled ***

Customer: 0003238 Job: 0909011
PEI SUNBELT RENTALS
2545 HEMPSTEAD PIKE 91 N 12ST
EAST MEADOWS, NY 11554 BROOKLYN, NY
718-861-7415

P.O.#:

Carrier: MENDEZ
MENDEZ
Truck: AL1688
License:

Phase: 0

Zone:

Product: JR66 DEFAULT ZONE NAME

JR66 SOIL

JMF:

(Daily) Loads: 1 Amount: 34.59 Tn 31.38 Mg
(To-Date) Loads: 4 Amount: 120.09 Tn 108.95 Mg

Gross: 49.43 Tn 98860 lb 44.84 Mg
Tare: 14.84 Tn 29680 lb 13.46 Mg
Net: 34.59 Tn 69180 lb 31.38 Mg

Received By: _____
Weighmaster: LARRY CORREA NJWMS# 30175

FAST ROAD X Depart 10.30 am
PEI DISPOSAL GROUP, INC.

Log Number

33978

98860

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name SUNBELT RENTALS Shipping Location Walter Earl
Address 11 North 12th Street Address JACKSON NJ
Brooklyn, NY County Route 547

Approval Number
09
09011

Description of Material

Ecological materials
PHI 00336
GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

R. Hooper Generator Authorized Agent Name
R. Hooper Signature
9/15/10 Shipment Date

TRANSPORTER

Transporter Name Mendez Driver Name (Print) Ramon Bernal
Address Belleville NJ Vehicle License No./State AL1686 NJ
Truck Number Mendez # 288
POK RH

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Ramon Bernal Driver Signature
09-15-2010 Shipment Date
Ramon Bernal Driver Signature
9-15-10 Delivery Date

DESTINATION

Site Name _____ Phone No. _____
Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Name of Authorized Agent
[Signature] Signature
9-15-10 Receipt Date
BROKER

PURE SOIL TECHNOLOGIES
655 S. HOPE CHAPEL RD
JACKSON N.J. 08527
732-657-8551

Date: 09/15/10 Ticket #: 153705
Time: 13:59 Plant: P1

*** Recycled ***

Customer: 0003239 Job: 0909011
PEI SUNBELT RENTALS
2545 HEMPSTEAD PIKE 91 N 12ST
EAST MEADOWS, NY 11554 BROOKLYN, NY
718-861-7415

P.O.#:

Carrier: MENDEZ
MENDEZ

Phase: 0

Truck: AL337N

License:

Zone:

Product: JR66 DEFAULT ZONE NAME
JR66 SOIL

JMF:

(Daily) Loads: 2 Amount: 64.72 Tn 58.71 Mg
(To-Date) Loads: 5 Amount: 150.22 Tn 136.28 Mg

Gross: 46.05 Tn 92100 lb 41.78 Mg
Tare: 15.92 Tn 31840 lb 14.44 Mg
Net: 30.13 Tn 60260 lb 27.33 Mg

Received By: _____
Weighmaster: LARRY CORREA NJWMS# 30175

APPENDIX D

Data Summary Tables

Table 1: PAHs in Soils - ESI File: PB09025.55

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

Compound (USEPA Method 8270)	Guidance Level	Sample Identification				
		N	S	W	E	B
2-Methylnaphthalene	36,400	ND	ND	ND	ND	ND
Acenaphthene	50,000	ND	ND	ND	ND	ND
Acenaphthylene	41,000	ND	ND	ND	ND	ND
Anthracene	50,000	ND	ND	ND	1,040 J	ND
Benzo(a)anthracene	224*	ND	ND	ND	ND	ND
Benzo(a)pyrene	61*	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1,100	ND	ND	ND	ND	ND
Benzo(ghi)perylene	50,000	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	1,100	ND	ND	ND	ND	ND
Chrysene	400	ND	ND	ND	ND	ND
Dibenzo(a h)anthracene	14*	ND	ND	ND	ND	ND
Fluoranthene	50,000	ND	ND	ND	ND	ND
Fluorene	50,000	ND	ND	ND	ND	ND
Indeno(1 2 3-cd)pyrene	3,200	ND	ND	ND	ND	ND
Naphthalene	13,000	ND	ND	ND	1,380 J	11,500
Phenanthrene	50,000	ND	ND	ND	1,490 J	ND
Pyrene	50,000	ND	ND	ND	ND	ND

Notes:
 NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM 4046).
 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

Table 2: VOCs in Soil - ESI File: PB09025.55

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

Compound (USEPA Method 8260)	Guidance Level	Sample Identification				
		N	S	W	E	B
1,2,4-Trimethylbenzene	10,000	ND	23 J	1,300	9	210,000
1,3,5-Trimethylbenzene	3,300	ND	ND	410	ND	ND
Benzene	60	ND	ND	ND	ND	3,400 J
Ethylbenzene	5,500	ND	ND	390	ND	31,000
Isopropylbenzene	2,300	ND	ND	150	ND	19,000
Methyl-tert-butyl-ether (MTBE)	13,000	ND	ND	ND	ND	ND
Naphthalene	10,000	18	99	1,400	80	29,000
n-Butylbenzene	3,700	ND	46 J	250	2.4	33,000
n-Propylbenzene	1,200	ND	ND	220	ND	37,000
o-Xylene	1,200	ND	ND	31 J	ND	1,500 J
p-&m-Xylenes	1,200	ND	ND	860	ND	3,900 J
p-Isopropyltoluene	10,000	ND	ND	410	ND	12,000
sec-Butylbenzene	10,000	ND	28 J	180	ND	28,000
tert-Butylbenzene	10,000	ND	ND	ND	ND	2,500 J
Toluene	1,500	ND	ND	ND	ND	2,900 J

Notes:

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

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

Table 3: VOCs in Water - ESI File: PB09025.55

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

Compound (USEPA Method 8260)	Guidance Level	MW-1					BK-4					BK-13					BK-14				BK-15				
		May-09	Sep-09	Feb-10	Jun-10	Sep-10	May-09	Sep-09	Feb-10	Jun-10	Sep-10	May-09	Sep-09*	Feb-10	Jun-10	Sep-10	May-09	Sep-09*	Feb-10	Jun-10	May-09	Sep-09	Feb-10	Jun-10	Sep-10
1,1,1,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	39	ND	ND	ND	ND	5	8	1.41J	27	0.63 J	1,900	1,400	1290	930	ND	ND	1.08J	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethylene (total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2J	ND	ND	ND	76	26	23.7J	36J	ND	1J	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-Chlorohexane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	9	5	4.68	2.6J	9.0J	2J	2J	1.1J	1.4J	1.4 J	740	570	469	600	ND	ND	ND	ND	ND
Bromobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	ND	27J	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropylene	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1J	ND	ND	ND	ND	530	485	470	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	29	36	27.5	9.3	7.4 J	ND	ND	22.8	24	21	85	99	75.1	56	ND	1J	ND	ND	ND
Methylene chloride	5	ND	ND	2.77J	4.2J	ND	ND	ND	2.38J	5.1J	16 J	ND	ND	2.53J	4.4J	ND	ND	ND	39.3J	61J	ND	ND	3.28	5.3J	ND
Methyl tert-butyl ether (MTBE)	10	2J	3J	ND	2.4J	2.6 J	99	69	47	71	43 J	8	5	4.47J	3.2J	2.6	130	87	61.8	64	ND	ND	ND	ND	ND
Naphthalene	10	4J	ND	1.26J	ND	ND	3	3J	1.92J	1.4J	ND	39	5	2.24J	ND	1.2	260	430	266	250	ND	ND	1.79J	ND	ND
n-Butylbenzene	5	ND	ND	ND	ND	ND	16	23	13.3	6.6	5.5 J	15	22	7.3	6.6	ND	32J	78	29.1J	21J	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	31	40	28	10	8.4 J	43	35	22	21	8.4 J	140	150	108	80	ND	ND	ND	ND	ND
o-Xylene	5	ND	ND	ND	ND	ND	ND	1J	ND	ND	ND	ND	ND	ND	ND	ND	18	29	24.5J	26J	ND	ND	ND	ND	ND
p-&m-Xylenes	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1J	2J	ND	ND	ND	210	210	177	170	ND	ND	ND	ND	ND
p-Isopropyltoluene	5	18	ND	ND	ND	ND	ND	ND	ND	12	ND	1J	2J	ND	0.32	ND	96	160	87.1	59	ND	ND	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	ND	ND	23	29	21.4	9.5	6.7 J	32	41	18.5	ND	19	46J	60	35.6J	22J	ND	ND	ND	ND	ND
Styrene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5	ND	1J	ND	ND	0.7 J	ND	4J	3.93J	3.2J	ND	5	8	4.01	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	50	86	89.7	92	ND	ND	ND	ND	ND
trans-1,3-Dichloropropylene	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7J	ND	ND	ND	ND	ND	ND	ND
Total VOCs	NE	24	4	4.03	6.6	3.3	249	210	150.11	118.7	96	151	133	86.36	91.5	27.4	3,875	3,966	3,304.9	2,964	0	2	6.15	5.3	1.1

Notes:
 * Sample data for BK-13 and BK-14 have been switched for this sample event.
 Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda
 J - Data indicate the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
 NE = Not Established
 ND = Not Detected

APPENDIX E

Laboratory Reports

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.

24 Davis Avenue

Poughkeepsie NY, 12603

Attention: Richard Hooker

Report Date: 08/20/2010

Client Project ID: PB09025.56

York Project (SDG) No.: 10H0471

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA Reg. 68-04440

Report Date: 08/20/2010
Client Project ID: PB09025.56
York Project (SDG) No.: 10H0471

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 13, 2010 and listed below. The project was identified as your project: **PB09025.56**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
10H0471-01	N	Soil	08/12/2010	08/13/2010
10H0471-02	S	Soil	08/12/2010	08/13/2010
10H0471-03	W	Soil	08/12/2010	08/13/2010
10H0471-04	E	Soil	08/12/2010	08/13/2010
10H0471-05	B	Soil	08/12/2010	08/13/2010

General Notes for York Project (SDG) No.: 10H0471

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

Approved By:



Robert Q. Bradley
Managing Director

Date: 08/20/2010

YORK

Sample Information

Client Sample ID: N

York Sample ID: 10H0471-01

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatiles Organics, STARS List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.86	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.88	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.91	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.96	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
91-20-3	Naphthalene	18		ug/kg dry	1.3	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.80	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.4	23	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.63	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS
108-88-3	Toluene	ND		ug/kg dry	0.58	12	2	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 07:28	SS

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	112	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	54.4	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
120-12-7	Anthracene	ND		ug/kg dry	48.1	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	75.1	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.6	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	73.8	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	58.3	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	75.1	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
218-01-9	Chrysene	ND		ug/kg dry	78.2	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.0	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
206-44-0	Fluoranthene	ND		ug/kg dry	112	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
86-73-7	Fluorene	ND		ug/kg dry	54.4	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	71.5	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
91-20-3	Naphthalene	ND		ug/kg dry	58.0	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
85-01-8	Phenanthrene	ND		ug/kg dry	71.6	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD
129-00-0	Pyrene	ND		ug/kg dry	69.6	194	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 11:53	TD

Sample Information

Client Sample ID: N

York Sample ID: 10H0471-01

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	85.9		%	0.100	0.100	1	SM 2540G	08/19/2010 16:14	08/19/2010 16:03	MZ

Sample Information

Client Sample ID: S

York Sample ID: 10H0471-02

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	23	J	ug/kg dry	6.0	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.2	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
71-43-2	Benzene	ND		ug/kg dry	5.8	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.2	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.4	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
91-20-3	Naphthalene	99		ug/kg dry	6.1	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
104-51-8	n-Butylbenzene	46	J	ug/kg dry	3.9	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	7.0	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.1	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	6.7	110	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
135-98-8	sec-Butylbenzene	28	J	ug/kg dry	6.3	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	56	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:14	SS

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	108	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	52.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
120-12-7	Anthracene	ND		ug/kg dry	46.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	72.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.8	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.2	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.3	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD

Sample Information

Client Sample ID: S

York Sample ID: 10H0471-02

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	72.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
218-01-9	Chrysene	ND		ug/kg dry	75.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
206-44-0	Fluoranthene	ND		ug/kg dry	108	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
86-73-7	Fluorene	ND		ug/kg dry	52.4	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.0	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
91-20-3	Naphthalene	ND		ug/kg dry	55.9	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
85-01-8	Phenanthrene	ND		ug/kg dry	69.0	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD
129-00-0	Pyrene	ND		ug/kg dry	67.1	187	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 12:25	TD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	89.1		%	0.100	0.100	1	SM 2540G	08/20/2010 10:42	08/20/2010 10:42	MZ

Sample Information

Client Sample ID: W

York Sample ID: 10H0471-03

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	1300		ug/kg dry	6.0	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
108-67-8	1,3,5-Trimethylbenzene	410		ug/kg dry	4.2	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
71-43-2	Benzene	ND		ug/kg dry	5.9	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
100-41-4	Ethyl Benzene	390		ug/kg dry	4.3	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
98-82-8	Isopropylbenzene	150		ug/kg dry	4.4	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.6	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
91-20-3	Naphthalene	1400		ug/kg dry	6.1	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
104-51-8	n-Butylbenzene	250		ug/kg dry	3.9	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
103-65-1	n-Propylbenzene	220		ug/kg dry	7.1	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
95-47-6	o-Xylene	31	J	ug/kg dry	6.1	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
1330-20-7P/M	p- & m- Xylenes	860		ug/kg dry	6.7	110	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
99-87-6	p-Isopropyltoluene	410		ug/kg dry	3.1	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
135-98-8	sec-Butylbenzene	180		ug/kg dry	6.4	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS

Sample Information

Client Sample ID: W

York Sample ID: 10H0471-03

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	57	10	EPA SW846-8260B	08/18/2010 16:05	08/19/2010 08:59	SS

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	109	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	52.9	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
120-12-7	Anthracene	ND		ug/kg dry	46.8	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	73.0	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.2	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	71.9	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	56.8	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	73.1	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
218-01-9	Chrysene	ND		ug/kg dry	76.1	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.7	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
206-44-0	Fluoranthene	ND		ug/kg dry	109	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
86-73-7	Fluorene	ND		ug/kg dry	52.9	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	69.6	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
91-20-3	Naphthalene	ND		ug/kg dry	56.4	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
85-01-8	Phenanthrene	ND		ug/kg dry	69.7	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD
129-00-0	Pyrene	ND		ug/kg dry	67.7	189	1	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:28	TD

Sample Information

Client Sample ID: W

York Sample ID: 10H0471-03

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	88.3		%	0.100	0.100	1	SM 2540G	08/20/2010 10:42	08/20/2010 10:42	MZ

Sample Information

Client Sample ID: E

York Sample ID: 10H0471-04

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	9.3	J	ug/kg dry	1.2	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.83	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.85	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.87	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.92	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
91-20-3	Naphthalene	80		ug/kg dry	1.2	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
104-51-8	n-Butylbenzene	2.4	J	ug/kg dry	0.77	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.4	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.3	22	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.60	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.3	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS
108-88-3	Toluene	ND		ug/kg dry	0.56	11	2	EPA SW846-8260B	08/19/2010 13:59	08/19/2010 13:59	SS

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	2160	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	1050	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
120-12-7	Anthracene	1040	J	ug/kg dry	926	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1440	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	974	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1420	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1120	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD

Sample Information

Client Sample ID: E

York Sample ID: 10H0471-04

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1450	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
218-01-9	Chrysene	ND		ug/kg dry	1500	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	944	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
206-44-0	Fluoranthene	ND		ug/kg dry	2160	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
86-73-7	Fluorene	ND		ug/kg dry	1050	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1380	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
91-20-3	Naphthalene	1380	J	ug/kg dry	1120	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
85-01-8	Phenanthrene	1490	J	ug/kg dry	1380	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD
129-00-0	Pyrene	ND		ug/kg dry	1340	3730	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:48	TD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	89.3		%	0.100	0.100	1	SM 2540G	08/20/2010 10:42	08/20/2010 10:42	MZ

Sample Information

Client Sample ID: B

York Sample ID: 10H0471-05

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes: IS-01

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	21000		ug/kg dry	690	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	480	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
71-43-2	Benzene	3400	J	ug/kg dry	670	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
100-41-4	Ethyl Benzene	31000		ug/kg dry	490	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
98-82-8	Isopropylbenzene	19000		ug/kg dry	510	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	530	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
91-20-3	Naphthalene	29000		ug/kg dry	700	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
104-51-8	n-Butylbenzene	33000		ug/kg dry	450	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
103-65-1	n-Propylbenzene	37000		ug/kg dry	820	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
95-47-6	o-Xylene	1500	J	ug/kg dry	700	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
1330-20-7P/M	p- & m- Xylenes	3900	J	ug/kg dry	770	13000	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
99-87-6	p-Isopropyltoluene	12000		ug/kg dry	350	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
135-98-8	sec-Butylbenzene	28000		ug/kg dry	730	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS

Sample Information

Client Sample ID: B

York Sample ID: 10H0471-05

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Volatile Organics, STARS List

Log-in Notes:

Sample Notes: IS-01

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	2500	J	ug/kg dry	650	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS
108-88-3	Toluene	2900	J	ug/kg dry	320	6500	1000	EPA SW846-8260B	08/19/2010 12:44	08/20/2010 13:32	SS

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	2510	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	1220	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
120-12-7	Anthracene	ND		ug/kg dry	1080	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	1680	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	1130	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1650	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1300	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1680	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
218-01-9	Chrysene	ND		ug/kg dry	1750	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	1100	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
206-44-0	Fluoranthene	ND		ug/kg dry	2510	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
86-73-7	Fluorene	ND		ug/kg dry	1220	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1600	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
91-20-3	Naphthalene	11500		ug/kg dry	1300	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
85-01-8	Phenanthrene	ND		ug/kg dry	1600	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD
129-00-0	Pyrene	ND		ug/kg dry	1560	4340	20	EPA SW-846 8270C	08/19/2010 16:05	08/20/2010 13:59	TD

Sample Information

Client Sample ID: B

York Sample ID: 10H0471-05

York Project (SDG) No.
10H0471

Client Project ID
PB09025.56

Matrix
Soil

Collection Date/Time
August 12, 2010 3:00 pm

Date Received
08/13/2010

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	76.9		%	0.100	0.100	1	SM 2540G	08/20/2010 10:42	08/20/2010 10:42	MZ

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
IS-01	Certain internal standards were suppressed due to matrix effects. The sample was reanalyzed to confirm this matrix interference.

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

Corrective Action:

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. 10H0471

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables		
Company: <u>Ecosystems Strategies</u>	<input type="checkbox"/> SAME	<input type="checkbox"/> SAME	Name: <u>Richard</u>	<input type="checkbox"/>	Name: <u>Brenda</u>	PB09025.56		RUSH Same Day	Summary	X		
Address: <u>14 Davis Ave.</u>	Name: <u>Richard</u>	Company: <u>Poughkeepsie</u>	Company: <u> </u>	Address: <u> </u>	Address: <u> </u>	Purchase Order no.		RUSH Next Day	QA/QC Summary			
Phone no.: <u>845 452 1658</u>	Address: <u> </u>	E-mail: <u> </u>	E-mail: <u> </u>	E-mail: <u> </u>	E-mail: <u> </u>	Standard (5-7 days)		RUSH Two Day	CT RCP Pkg			
Contact Person: <u> </u>	Fax No.: <u> </u>	Fax No.: <u> </u>	Fax No.: <u> </u>	Fax No.: <u> </u>	Fax No.: <u> </u>	OTHER		RUSH Three Day	ASP A Pkg			
E-mail Addr.: <u> </u>	Samples from: <u>CT_NY_NJ</u>		Samples from: <u>CT_NY_NJ</u>		Samples from: <u>CT_NY_NJ</u>		Excel		RUSH Four Day	ASP B Pkg		
FAX No.: <u> </u>	Samples from: <u>CT_NY_NJ</u>		Samples from: <u>CT_NY_NJ</u>		Samples from: <u>CT_NY_NJ</u>		EDD		Standard (5-7 days)	Excel	X	
								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.

Matrix Codes: S - soil; Other - specify (oil, etc.); W/W - wastewater; G/W - groundwater; D/W - drinking water; A.ir-A - ambient air; A.ir-SV - soil vapor

Samples Collected/Authorized By (Signature): R. Hoobey
Name (printed): R. Hoobey

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
N	8/12/2010	soil	VOCs 8260 (STARS only), PAHs (8270)	1x4 1x2
S	8/12/2010	soil	VOCs 8260 (STARS only), PAHs (8270)	
W	8/12/2010	soil	VOCs 8260 (STARS only), PAHs (8270)	
E	8/12/2010	soil	VOCs 8260 (STARS only), PAHs (8270)	
B	8/12/2010	soil	VOCs 8260 (STARS only), PAHs (8270)	

Comments:

Preservation "X" those applicable

Cool 4°C H2SO4 HNO3 NaOH NONE FROZEN

Samples Relinquished By: Date/Time: 8/13/10 10:55

Samples Relinquished By: Date/Time: 8/13/10 10:55

Samples Received By: Date/Time: 8-17-10 10:55

Samples Received in LAB by: Date/Time: 8/13/10 1615

Temperature on Receipt: 4.9 °C

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.

24 Davis Avenue

Poughkeepsie NY, 12603

Attention: Richard Hooker

Report Date: 09/22/2010

Client Project ID: PB09025

York Project (SDG) No.: 10I0539

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA Reg. 68-04440

Report Date: 09/22/2010
Client Project ID: PB09025
York Project (SDG) No.: 10I0539

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 16, 2010 and listed below. The project was identified as your project: **PB09025**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
10I0539-01	MW-1	Water	09/15/2010	09/16/2010
10I0539-02	BK-4	Water	09/15/2010	09/16/2010
10I0539-03	BK-13	Water	09/15/2010	09/16/2010
10I0539-04	BK-15	Water	09/15/2010	09/16/2010

General Notes for York Project (SDG) No.: 10I0539

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

Approved By:



Robert Q. Bradley
Managing Director

Date: 09/22/2010

YORK

Sample Information

Client Sample ID: MW-1

York Sample ID: 10I0539-01

York Project (SDG) No.
10I0539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS

Sample Information

Client Sample ID: MW-1

York Sample ID: 1010539-01

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	2.6	J	ug/L	0.38	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.1	10	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
91-20-3	Naphthalene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
98-06-6	tert-Butylbenzene	0.70	J	ug/L	0.46	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS
	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	09/21/2010 10:28	09/20/2010 17:36	SS

Sample Information

Client Sample ID: BK-4

York Sample ID: 1010539-02

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Sample Information

Client Sample ID: BK-4

York Sample ID: 1010539-02

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	5.4	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	9.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	6.0	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	6.1	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	6.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	13	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	4.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	3.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	11	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	4.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	5.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	13	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	6.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	6.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.2	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	3.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	4.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	6.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	9.6	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	4.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	4.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
71-43-2	Benzene	9.0	J	ug/L	4.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
108-86-1	Bromobenzene	ND		ug/L	6.1	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	13	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	6.2	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-25-2	Bromoform	ND		ug/L	5.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
74-83-9	Bromomethane	ND		ug/L	12	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	10	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	3.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-00-3	Chloroethane	ND		ug/L	7.6	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
67-66-3	Chloroform	ND		ug/L	3.6	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
74-87-3	Chloromethane	ND		ug/L	8.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS

Sample Information

Client Sample ID: BK-4

York Sample ID: 1010539-02

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	9.6	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	3.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	6.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	13	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	8.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	3.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	4.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
98-82-8	Isopropylbenzene	7.4	J	ug/L	3.9	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	43	J	ug/L	3.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-09-2	Methylene chloride	16	J, B	ug/L	11	100	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
91-20-3	Naphthalene	ND		ug/L	5.0	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
104-51-8	n-Butylbenzene	5.5	J	ug/L	3.2	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
103-65-1	n-Propylbenzene	8.4	J	ug/L	5.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
95-47-6	o-Xylene	ND		ug/L	5.0	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	5.5	100	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
135-98-8	sec-Butylbenzene	6.7	J	ug/L	5.2	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
100-42-5	Styrene	ND		ug/L	4.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	4.6	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	5.2	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
108-88-3	Toluene	ND		ug/L	2.3	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	6.5	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	6.8	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
79-01-6	Trichloroethylene	ND		ug/L	5.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	9.1	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	9.7	50	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS
	Xylenes, Total	ND		ug/L	10	150	10	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 18:19	SS

Sample Information

Client Sample ID: BK-13

York Sample ID: 1010539-03

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Sample Information

Client Sample ID: BK-13

York Sample ID: 1010539-03

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
95-63-6	1,2,4-Trimethylbenzene	0.63	J	ug/L	0.53	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
71-43-2	Benzene	1.4	J	ug/L	0.48	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS

Sample Information

Client Sample ID: BK-13

York Sample ID: 1010539-03

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
98-82-8	Isopropylbenzene	21		ug/L	0.39	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	2.6	J	ug/L	0.38	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-09-2	Methylene chloride	ND		ug/L	1.1	10	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
91-20-3	Naphthalene	1.2	J	ug/L	0.50	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
104-51-8	n-Butylbenzene	6.1		ug/L	0.32	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
103-65-1	n-Propylbenzene	15		ug/L	0.58	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
99-87-6	p-Isopropyltoluene	0.32	J	ug/L	0.25	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
135-98-8	sec-Butylbenzene	19		ug/L	0.52	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
108-88-3	Toluene	0.25	J	ug/L	0.23	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS
	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	09/21/2010 10:28	09/21/2010 18:20	SS

Sample Information

Client Sample ID: BK-15

York Sample ID: 1010539-04

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Sample Information

Client Sample ID: BK-15

York Sample ID: 1010539-04

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.95	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
67-66-3	Chloroform	ND		ug/L	0.36	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS

Sample Information

Client Sample ID: BK-15

York Sample ID: 1010539-04

York Project (SDG) No.
1010539

Client Project ID
PB09025

Matrix
Water

Collection Date/Time
September 15, 2010 3:00 pm

Date Received
09/16/2010

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-09-2	Methylene chloride	ND		ug/L	1.1	10	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
91-20-3	Naphthalene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
127-18-4	Tetrachloroethylene	1.1	J	ug/L	0.52	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS
	Xylenes, Total	ND		ug/L	1.0	15	1	EPA SW846-8260B	09/20/2010 11:38	09/20/2010 19:43	SS

Notes and Definitions

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

Corrective Action:

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. 10I0539

Client Information		Report to:		Invoice To:		Client Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Ecosystems Strategies</u>	<input checked="" type="checkbox"/> SAME	Name: <u>Richard</u>	<input type="checkbox"/>	Name: <u>Brenda</u>	<input type="checkbox"/>	PB09025		RUSH Same Day	Summary	X	
Address: <u>14 Davis Ave.</u>		Company: <u>Poughkeepsie</u>		Company:		Purchase Order no.		RUSH Next Day	QA/QC Summary		
Phone no.: <u>845 452 1658</u>		Address:		Address:				RUSH Two Day	CT RCP Pkg		
Contact Person		E-mail:		E-mail:				RUSH Three Day	ASP A Pkg		
E-mail Addr.:		Fax No.:		Fax No.:				RUSH Four Day	ASP B Pkg		
FAX No.:		Samples from: <u>CT_NY_NJ</u>		OTHER				Standard (5-7 days)	Excel	X	
								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.

[Signature]
Name (printed): R. Hoover

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	9/15/2010	Water	VOCs (8260)	2 x 40 ml
BK-4				
BK-13				
BK-15				

Comments

CAL 9/16/10 12:30
Samples Relinquished By: [Signature] Date/Time: 9/16/10 1610
Samples Relinquished By: [Signature] Date/Time: 9/16/10 1610

Cool 4°C HNO3 H2SO4 NaOH NONE FROZEN
Temperature on Receipt: 4.8 °C