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

September 9, 2008

Julius Walls
Greyston Foundation
114 Woodworth Avenue
Yonkers, NY 10701

Re: Letter Report of Operation and Maintenance Services for the Greyston Bakery
104 Ashburton Avenue, City of Yonkers, Westchester County, New York
VCP Site: D3-0002-00-09
ESI File: GY99143.70

Dear Mr. Walls:

This Letter Report of Operations and Maintenance Services (Letter Report) summarizes recent investigative work performed by Ecosystems Strategies, Inc. (ESI) on the above-referenced property to verify the integrity of the on-site geosynthetic clay liner (GCL); to collect air samples from the vapor extraction system (VES) discharge points and to document the effectiveness of the VES; to document the presence or absence of volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs) in groundwater at the three (3) on-site monitoring wells; and, to document the effectiveness of the DNAPL (dense non-aqueous phase liquid) Collection System (DCS). This Letter Report includes a Fieldwork map (Attachment A), laboratory data tables (Attachment B) and complete laboratory reports (Attachment C).

1.0 Annual Inspection of Geosynthetic Clay Liner

A GCL was installed at the property in order to prohibit potential contact with, and to minimize percolation of water through, known on-site contaminated soils. The GCL was installed at an approximate depth of 12 to 18 inches below surface grade over all contaminated areas (with slopes less than 25% grade) not covered by asphalt or the on-site building. ESI personnel inspected areas where the GCL was installed on June 27, 2008, during fieldwork at the property. These areas were found to be intact (i.e., the GCL was not exposed). It was also noted that those areas of the property covered by asphalt were also intact, and that no on-site activities likely to disrupt or damage the GCL or asphalt layer were being conducted.

2.0 Annual Inspection of Vapor Extraction System

A sub-slab vapor extraction system was installed at the property in order to intercept potential accumulating vapors associated with on-site contaminated soils. Any accumulating vapors are intercepted and vented above the roofline of the on-site building via five (5) rooftop discharge points (F-1 through F-5), four of which are equipped with active fans. Discharge point F-5 is now a passive discharge point, as approved by the New York State Department of Environmental Conservation (NYSDEC). ESI personnel performed an inspection of the VES on June 27, 2008. The inspection included collection of samples from accessible discharge points and the measurement of sub-slab vacuum at a monitoring point within the on-site building (see Sections 2.1 and 2.2, below).

2.1 Collection of Air Samples

2.1.1 Air Sampling Methodology

Rooftop discharge points F-1, F-2, F-3, and F-4 were sampled for VOCs and PAHs on June 27, 2008 (no samples were collected from passive discharge point F-5). One sample of outside air was collected from a rooftop location away from all discharge points and was analyzed for VOCs and PAHs in order to provide background air concentrations for comparison with discharge point air samples. Samples were collected using a GilAir 3 portable air pump and dedicated plastic tubing (used to prevent potential cross-contamination between sample points). Samples for VOC analysis were collected into three-liter Tedlar bags; samples for PAH analysis were collected by drawing air through sorbent tubes. All sampling was conducted at a rate of two liters per minute.

2.1.2 Laboratory Analysis and Results

After sample collection, samples were stored in a cool dry place prior to shipment to York Analytical Laboratories, Inc. (York), a New York State Department of Health-approved laboratory (ELAP Certification Number 10854), for chemical analysis. Samples F-1A through F-4A (corresponding to discharge points F-1 through F-4) and background sample A were submitted for analysis of VOCs using USEPA method TO-15, and samples F-1B through F-4B (also corresponding to discharge points F-1 through F-4) and background sample B were submitted for analysis of PAHs using USEPA Method TO-13. The results of these analyses and comparisons to the results from prior sampling events (May 2006 and April 2007), are discussed and presented below.

VOCs

Table 1, below, presents a summary of the VOCs detected in air samples collected during this and prior sampling events. Acetone was detected at each discharge point during this sampling event. Values for acetone for this sampling event ranged from 21.3 to 45.9 ug/m^3, which is below the background level detected for acetone, 60.4 ug/m^3. Carbon disulfide was detected at sample locations F-1 and F-2 during this sampling event, with concentrations of 9.5 and 23.1 ug/m^3, respectively. Carbon disulfide was not detected in the background sample.

Table 1: Summary of VOCs Detected in Air Samples

Compound (USEPA Method TO-15)	Sample Location												
	F-1			F-2			F-3			F-4			BG
	May 06	April 2007	June 2008	May 2006	April 2007	June 2008	May 2006	April 2007	June 2008	May 2006	April 2007	June 2008	June 2008
Acetone	126	ND	21.3	121	ND	31.4	135	ND	45.9	114	ND	38.7	60.4
Carbon Disulfide	53.8	ND	9.5	44.3	ND	23.1	34.8	ND	ND	38.0	ND	ND	ND
Isopropanol	ND	235	ND	ND	158	ND	ND	165	ND	ND	195	ND	ND
Tetrachloroethylene	15.2	ND	ND	14.5	ND	ND	<10.3	ND	ND	<10.3	ND	ND	ND
Toluene	32.2	ND	ND	32.6	ND	ND	24.9	ND	ND	17.6	ND	ND	ND

ND = Not Detected
BG = background sample
All compound results reported in micrograms per cubic meter (µg/m³)

PAHs

No PAHs were detected above laboratory minimum detection levels in any of the air samples collected during this or previous sampling events.

2.2 Measurement of Vacuum

ESI personnel took a measurement of the sub-slab vacuum created by the VES on June 27, 2008 using an Infiltec digital micro-manometer. Vacuum was measured at -1.50" W.C. (inches of water column), indicating sufficient vacuum beneath the slab.

3.0 Quarterly Groundwater Sampling

3.1 Previous Groundwater Sampling

Malcolm Pirnie, Inc. conducted groundwater sampling at the site in 1995, prior to the construction of the current on-site building (the bakery). Complete data from this sampling event was not provided to this office for review. Laboratory results from water sampling conducted by ESI in August 1999 confirmed the presence of VOCs and PAHs in on-site groundwater monitoring wells at levels exceeding NYSDEC guidance values.

The wells installed and sampled during initial site investigation activities were destroyed during construction of the bakery. Subsequently, ESI installed a series of new monitoring wells (MW-1, MW-2, and MW-3) in April 2005. These wells were sampled by ESI in May 2005, February and May 2006, April, August, and November 2007, and February and June 2008. May 2005 sampling data documented the presence of several elevated VOCs and PAHs at the two, downgradient wells (MW-1 and MW-2), and fewer, less elevated concentrations of VOCs and PAHs at MW-3 (upgradient well). February 2006 data documented a slight decrease in concentrations found at MW-1 and MW-2, and a significant increase at MW-3. The May 2006 data continued to document elevated levels of several VOCs and PAHs in all on-site monitoring wells. The April 2007 data document increases in VOC concentrations at all wells, with more significant increases in VOCs at MW-3, and continued to document several elevated PAHs at MW-1, while PAH concentrations generally decreased at MW-2 and MW-3. August 2007 data

documented slight increases in VOCs at all monitoring wells. PAH concentrations increased significantly at MW-1 to the highest concentrations recorded, while PAH concentrations generally remained constant at MW-2 and MW-3. November 2007 data document slight increases in VOC concentrations at MW-1 and MW-2, while concentrations at MW-3 remained relatively constant. February 2008 data continued to document elevated levels of VOCs in all three on-site monitoring wells. PAH concentrations remained above guidance levels for several compounds at MW-1, exceeded guidance levels only for acenapthene at MW-2, and showed a significant decrease at MW-3, with no PAHs exceeding guidance levels.

3.2 Groundwater Collection Methodology

The most recent round of groundwater sampling was conducted on June 25, 2008. All wells were sampled using dedicated tubing and a peristaltic pump. Each well cap was removed prior to sampling and the casing was immediately screened, using a MiniRAE 2000 (Model PGM 7600) photo-ionization detector (PID), for the presence of any volatile organic vapors (the PID was properly calibrated before fieldwork activities). After screening, depths to water measurements were recorded and at least three well volumes were purged from each well prior to sample collection. Purge-water was also screened for any indications of petroleum contamination (see Table 2, below).

All groundwater samples were collected in a manner consistent with NYSDEC sample collection protocols. Dedicated tubing was used at each sample location to avoid cross-contamination. Each groundwater sample was collected into laboratory-supplied glassware. After sample collection, the jars were kept cold (approximately 4º C) and transported on June 26, 2008 via currier to York Laboratories, Inc. Appropriate chain-of-custody procedures were followed.

Table 2: Field Observations

Well ID	Depth of Well	Depth to Groundwater	PID Reading at Casing (ppm-cge)	Observations
MW-1	9.80’	6.43’	0	Strong petroleum odor and slight sheen observed.
MW-2	9.75’	4.5’	0	Clear purge water. Moderate petroleum odor.
MW-3	9.68’	4.33’	31.8	Cover to MW-3 was broken. Repaired on 6/27/08. Strong petroleum odor with a heavy sheen observed.

3.3 Laboratory Analysis

One groundwater sample was collected at each monitoring well and submitted for analysis of VOCs using USEPA Method 8260, and PAHs using USEPA method 8270.
The term "guidance level”, as defined in this Letter 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 groundwater relative to conditions that are likely to present a threat to public health, given the existing and probable future uses of the site.

The guidance levels identified in this Letter Report for groundwater are determined based on the NYSDEC's Division of Water Technical and Operational Guidance Series, Ambient Water Quality Standards and Guidance levels and Groundwater Effluent Limitations (TOGS 1.1.1). All compounds referenced below are presented with their respective guidance levels.

3.4 Results

The results of the analysis of groundwater samples is discussed below, and presented in the data summary tables included as Attachment B. Complete June 2008 groundwater laboratory results are included as Attachment C.

3.4.1 Current Sampling Event

VOCs

Elevated concentrations of several VOCs were detected during the June 2008 sampling event. Detected compounds are summarized below in Table 3.

Table 3: VOCs Detected in June 2008 Groundwater Sampling

Compound – EPA Method 8260	Guidance Level	Location		
		MW-1	MW-2	MW-3
1,2-Dichloroethane	5	ND	ND	4 (J)
Benzene	1	**320**	**38**	**172**
Ethylbenzene	5	ND	ND	**20**
Isopropylbenzene	5	**39**	ND	**10**
MTBE	10	**22**	2 (J)	6
Napthalene	10	ND	ND	**48**
n-Propylbenzene	5	**14**	ND	ND
Toluene	5	**24**	3 (J)	2 (J)

ND = Not Detected
J = Estimated concentration
Guidance values based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda. **Results in bold exceed designated guidance values.**
Results and guidance levels provided in micrograms per liter (ug/L).

No other VOCs were detected above laboratory minimum detection levels (MDLs) at any sample locations. A complete table of quarterly sampling results is provided as Attachment B of this report. Complete lab results for June 2008 sampling events are included as Attachment C of this report.

PAHs

Elevated concentrations of PAHs exceeding guidance values were found at MW-1 and MW-3 for the June 2008 sampling event. No detections of PAHs at MW-2 were reported for the June 2008 sampling event.

Table 4: PAHs Detected in June 2008 Groundwater Sampling

Compound – EPA Method 8270	Guidance Level	Location		
		MW-1	MW-2	MW-3
Acenapthene	20	**38**	ND	ND
Anthracene	50	4 (J)	ND	ND
Flouranthene	50	2 (J)	ND	ND
Flourene	50	10	ND	ND
Napthalene	10	9	ND	**120**
Phenanthrene	50	19	ND	ND
Pyrene	50	3 (J)	ND	ND

ND = Not Detected
J = Estimated concentration
Guidance values based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda. **Results in bold exceed designated guidance values.**
Results and guidance levels provided in micrograms per liter (ug/L).

3.4.2 Comparison with Previous Data

A discussion of the results of groundwater sampling at the property, as compared to previous sampling rounds, is presented below and summarized in the data summary tables (Attachment B).

VOCs

VOC concentrations at downgradient well MW-1 have remained fairly consistent with previous sampling events; however, an increase in MTBE, n-propylbenzene and toluene were reported in June 2008. VOC concentrations at the other downgradient well, MW-2, decreased significantly from previous sampling rounds, with benzene being the only compound exceeding its guidance values. VOC concentrations in MW-3 fluctuated this sampling round, with both decreases and increases occurring. Overall concentrations of VOCs in upgradient well MW-3 are significantly lower than peak concentrations reported in previous sampling rounds, however, several VOCs including benzene, ethylbenzene, isopropylbenzene and naphthalene remain above guidance levels.

The data continue to indicate the presence of several VOCs in excess of applicable regulatory criteria in groundwater at the property. VOC concentrations at downgradient well (MW-1) have remained relatively constant, with no evidence of a significant decrease over time. Upgradient well MW-3 has shown a decrease in overall VOC concentrations in comparison to 2007 data, but concentrations continue to exceed guidance values. MW-2 has shown a significant decrease in VOC concentrations compared to previous data. Laboratory data and field observations continue to indicate a likely upgradient contributor to on-site groundwater contamination.

PAHs

Several PAHs continue to be detected in groundwater at MW-1; however, PAH concentrations have generally decreased in comparison with previous data, with acenaphthene being the only reported compound exceeding its guidance values this round. No PAHs were detected at MW-2 during the current sampling event, and only one PAH (naphthalene) was detected at MW-3 at concentrations exceeding guidance levels. Naphthalene was present at a concentration significantly higher than the previous sampling round but was consistent with historical levels. The data continue to document elevated levels of acenapthene at MW-1 and a significant increase of naphthalene (compared to February 2008) at upgradient well MW-3 continues to indicate a likely off-site, upgradient contributor.

4.0 Inspection of DNAPL Collection System

ESI personnel performed an inspection of the DNAPL collection system on June 25, 2008. At that time a bailer was lowered to the bottom of the well, but no evidence of DNAPL was observed upon retrieval. No determination could be made as to the quantity (if any) of DNAPL at the bottom of the well. At this time it is still unclear if collection of DNAPL is occurring or if the system is functioning properly.

5.0 CONCLUSIONS

Regular site management activities were conducted on the Greyston Bakery property, located at 104 Ashburton Avenue, City of Yonkers, Westchester County, New York. Investigative and analytical work was conducted to verify the integrity of the on-site geosynthetic clay liner; to collect air samples from the vapor extraction system (VES) discharge points and to document the effectiveness of the VES; to document the presence or absence of volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs) in groundwater at the three on-site monitoring wells; and, to document the effectiveness of the DNAPL Collection System (DCS).

Data and observations support the following:

1. Data continue to indicate elevated concentrations of VOCs and/or PAHs in groundwater at all on-site monitoring wells. Lab data and field observations continue to suggest migration of contamination from an off-site, upgradient source.

   Based upon the eight sampling events previously completed, and the significant amount of data accumulated, ESI recommends that groundwater monitoring continue on an annual basis until such time as off-site sources are addressed.

2. Analysis of effluent air collected from the on-site VES indicated the presence of two VOCs (acetone and carbon disulfide) and no PAHs. Data suggest that the system is effective in removing potential accumulating vapors.

   Collection and analysis of effluent air samples will continue on an annual basis.

   Sub-slab vacuum associated with the VES was found to be sufficient.

   Sub-slab vacuum will continue to be monitored on an annual basis.

3. The DNAPL collection system was inspected. No free product was observed in the well. Proper functioning of the well could not be determined at the time of the inspection.

   Inspection of the DNAPL collection system will continue on a quarterly schedule. System pump-outs will continue on an as-needed basis.

4. The on-site GCL layer was inspected and found to be intact.

   Inspection of the GCL will continue on an annual basis.

The operation and maintenance services summarized herein are part of an approved NYSDEC Site Management Plan (SMP) and are considered by ESI to satisfy the requirements set forth in the SMP. By copy, this Letter Report is being forwarded to the NYSDEC.

Please review this information and call me at (845) 452-1658 should you have any questions or comments.

Sincerely,

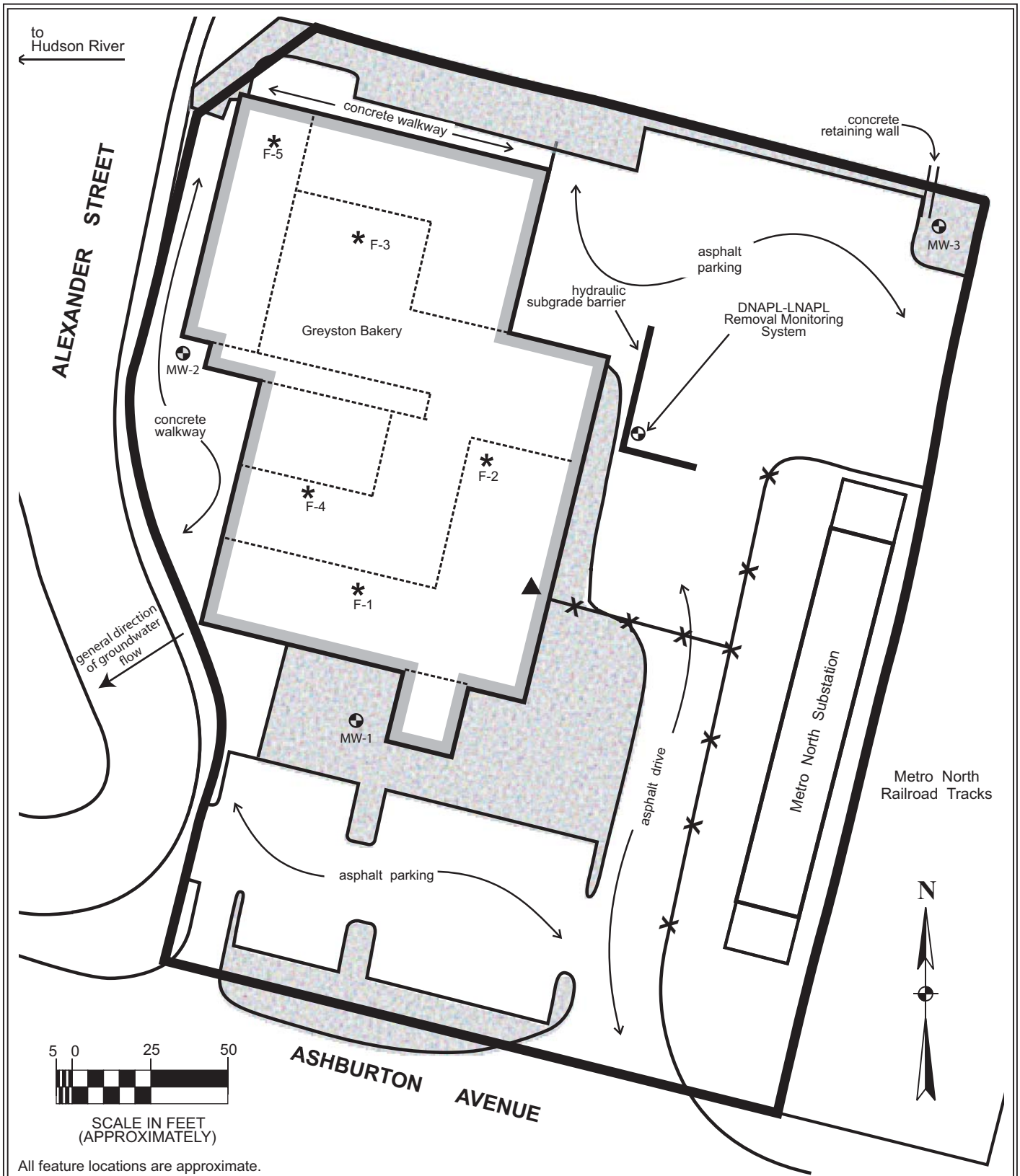
ECOSYSTEMS STRATEGIES, INC.

Paul H. Ciminello
President

cc: Jamie L. Folsom, NYSDEC
K. Dewkett, P.E., Dewkett Engineering, P.C.
File

Attachments:

A *Fieldwork Map*
B *Data Summary Tables*
C *Laboratory Results (June 2008 Air and Groundwater)*



All feature locations are approximate.
Map based on "Survey" by Roland K. Link, P.L.L.C. (June 17, 1999); "Groundwater Elevation Contour Map" by Malcom Pirnie (July 1, 1994); and "Site Plan" by Cybul & Cybul A.I.A. Architects.

Fieldwork Map

104 Ashburton Avenue
City of Yonkers
Westchester County, New York

Legend:
- subject property border
- monitoring wells
- VES monitoring point
- VES roof discharge point
- area of GCL barrier
- chain link fence

ESI File: GY99143.70

September 2008

Scale: 1" = 45' (approximately)

Attachment A

Table 5: Summary of VOCs in Water

All results provided in micrograms per liter (µg/L). Results in **bold** exceed designated guidance levels.

VOCs	Guidance Levels	Sample Identification																							
		MW-1								MW-2								MW-3							
		May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08	May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08	May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08
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	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	**1**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	**0.04**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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**	**7**	NA	ND	ND	ND	5 (J)	ND	ND	ND	NA	ND	ND	ND	1 (J)	ND	ND	ND	NA	ND	ND	ND	16 (J)	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	**5**	**12**	ND	ND	ND	ND	**8 (J)**	ND	ND	ND	ND	ND	ND	**13**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4 (J)
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**	4	NA	ND	ND	ND	4 (J)	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	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	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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**	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA
2,2-Dichloropropane	**5**	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Benzene	**1**	**400**	**220**	**290**	**51**	**240**	**260**	**330**	**320**	**410**	**330**	**180**	**420**	ND	**440**	**410**	**38**	**2**	**590**	**400**	**1,300**	**1,800**	**1,800**	**100**	**172**
Bromobenzene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Bromochloromethane	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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	2 (J)	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	1	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-1,3-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
Cyclohexane	**NP**	NA	18	22	NA	ND	ND	ND	NA	NA	3.0 (J)	ND	NA	ND	ND	ND	NA	NA	6.4 (J)	ND	NA	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	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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**	5	4.5 (J)	4.2 (J)	ND	ND	4 (J)	ND	ND	ND	2.3 (J)	ND	ND	ND	ND	ND	ND	ND	**540**	**140**	**240**	**220**	**220**	ND	**20**
Hexachlorobutadiene	**0.5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**5**	**33**	**30**	**36**	**22**	**23**	**32**	**40**	**39**	**21**	**19**	**13**	**20**	**23**	**15**	**25**	ND	ND	**110**	**44**	ND	**130**	**130**	**65**	**10**
Methylene chloride	**5**	ND	ND	**22 (J)**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**21**	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	**10**	**22**	**17**	**22**	ND	**18**	**19**	ND	**22**	**13**	**16**	**15**	**16**	**15**	**17**	**25**	2 (J)	ND	**16**	**13**	ND	**50**	**50**	**34**	6
Methylcyclohexane	**NP**	NA	15	14	NA	ND	ND	ND	NA	NA	4.2 (J)	3.3 (J)	NA	ND	ND	ND	NA	NA	30	9.8 (J)	NA	ND	ND	ND	NA
Naphthalene	**10**	**63**	NA	ND	ND	**30**	**47**	**43**	ND	**19**	NA	ND	**16**	8	10	**15**	ND	**46**	NA	ND	**930**	**530**	**630**	**230**	**48**
n-Butylbenzene	**5**	**7**	NA	ND	**7**	ND	3 (J)	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	200	ND	ND
n-Propylbenzene	**5**	**13**	NA	ND	**10**	ND	**12**	ND	**14**	ND	NA	ND	ND	ND	3 (J)	**6**	ND	ND	NA	ND	ND	ND	40 (J)	ND	ND
o-Xylene	**5**	ND	1.3 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1 (J)	ND	ND	ND	**11**	**6.5 (J)**	ND	ND	ND	ND	ND
p-&m-Xylenes	**5**	3	1.4 (J)	1.1 (J)	ND	ND	ND	ND	ND	ND	2.3 (J)	1.3 (J)	ND	ND	3 (J)	ND	ND	1	**9.5 (J)**	3.9 (J)	ND	**320**	ND	ND	ND
p-Isopropyltoluene	**5**	3	NA	ND	ND	ND	2 (J)	ND	ND	ND	NA	ND	ND	ND	1 (J)	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**5**	ND	NA	ND	**7**	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
Styrene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1 (J)	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**5**	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	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	ND
Toluene	**5**	ND	1.4 (J)	1.7 (J)	ND	ND	ND	ND	**24**	ND	ND	ND	ND	ND	ND	ND	3 (J)	ND	3.4 (J)	1.4 (J)	ND	ND	ND	ND	2 (J)
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	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda.
J = Estimated concentration
NP = Not Provided
NA = Not Analyzed
ND = Not Detected

Table 6: Summary of PAHs in Water

All results provided in micrograms per liter (μg/L). Results in **bold** exceed designated guidance levels.

PAHs	Guidance Levels	Sample Identification																							
		MW-1								MW-2								MW-3							
		May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08	May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08	May-05	Feb-06	May-06	Apr-07	Aug-07	Nov-07	Feb-08	Jun-08
Acenaphthene	**20**	**93**	**39**	**190**	**110**	**370**	**310**	**88**	**38**	**44**	**44**	**46**	**49**	**39**	**34**	**50**	ND	ND	**90 (J)**	7.0 (J)	ND	ND	ND	ND	ND
Acenaphthylene	**50**	ND	2.0 (J)	ND	29	**100**	**43 (J)**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53 (J)**	2.0 (J)	ND	ND	ND	26	ND
Anthracene	**50**	**40**	8.0 (J)	81	**77**	**280**	**160**	24	4 (J)	5.1	1.0 (J)	4.0 (J)	ND	ND	ND	ND	ND	ND	**210 (J)**	6.0 (J)	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	**33**	**4.0 (J)**	**120**	**73**	**240**	**140**	**12**	ND	**2.9**	ND	**2.0 (J)**	ND	ND	ND	ND	ND	ND	**340**	**9.0 (J)**	ND	ND	ND	ND	ND
Benzo(a)pyrene	**0.002**	**24**	**3.0 (J)**	**90**	**71**	**220**	**110**	**12**	ND	**2.3**	ND	**1.0 (J)**	ND	ND	ND	ND	ND	ND	**340 (J)**	**10**	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	**17**	**3.0 (J)**	**84**	**41**	**130**	**75**	**10**	ND	**1.1**	ND	**1.0 (J)**	ND	ND	ND	ND	ND	ND	**370 (J)**	**12**	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	**5**	1.8	2.0 (J)	**34 (J)**	**26**	**56**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	5.0 (J)	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	**15**	**1.0 (J)**	**29 (J)**	**34**	**150**	**64**	**8**	ND	**1.5**	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**5.0 (J)**	ND	ND	ND	ND	ND
Chrysene	**0.002**	**27**	**4.0 (J)**	**110**	**81**	**210**	**130**	**17**	ND	**2.5**	ND	**2.0 (J)**	ND	ND	ND	ND	ND	ND	**280**	**9.0 (J)**	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	**50**	1.6	ND	6.0 (J)	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15 (J)	ND	ND	ND	ND	ND	ND
Fluoranthene	**50**	**62**	11	**210**	**130**	**400**	**270**	ND	2 (J)	7.7	3.0 (J)	5.0 (J)	ND	ND	3 (J)	ND	ND	ND	**560**	15	ND	ND	ND	ND	ND
Fluorene	**50**	47	13	**80**	**62**	**260**	**140**	32	10	9.7	7.0 (J)	8.0 (J)	ND	8	6	ND	ND	ND	**220**	9.0 (J)	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	**2.8**	**2.0 (J)**	**40 (J)**	ND	**58**	**ND**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**150**	**7.0 (J)**	ND	ND	ND	ND	ND
Naphthalene	**10**	ND	**20**	**11 (J)**	ND	ND	41 (J)	**14**	9	2.1	8.0 (J)	ND	ND	ND	6	ND	ND	**13**	**3,900**	7.0 (J)	**350**	**280**	**240**	ND	**120**
Phenanthrene	**50**	**97**	29	**250**	**190**	**630**	**720**	**93**	19	2.8	3.0 (J)	4.0 (J)	ND	ND	3 (J)	ND	ND	ND	**780**	16	ND	ND	ND	ND	ND
Pyrene	**50**	**86**	15	**340**	**170**	**600**	**490**	ND	3 (J)	10	5.0 (J)	8.0 (J)	ND	6	4 (J)	ND	ND	ND	**560**	24	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Division of Water TOGS 1.1.1 (June 1998) and subsequent NYSDEC Memoranda.
J = Estimated concentration
ND = Not Detected

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Adam Lee

Report Date: 7/3/2008
Re: Client Project ID: GY99143.70
York Project No.: 08061008

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

Report Date: 7/3/2008
Client Project ID: GY99143.70
York Project No.: 08061008

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Adam Lee

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 06/26/08. The project was identified as your project "GY99143.70".

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

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

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

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

Analysis Results

Client Sample ID			MW-1		
York Sample ID			08061008-01		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8021 List	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		10
1,1,1-Trichloroethane			Not detected		10
1,1,2,2-Tetrachloroethane			Not detected		10
1,1,2-Trichloroethane			Not detected		10
1,1-Dichloroethane			Not detected		10
1,1-Dichloroethylene			Not detected		10
1,1-Dichloropropylene			Not detected		10
1,2,3-Trichlorobenzene			Not detected		10
1,2,3-Trichloropropane			Not detected		10
1,2,4-Trichlorobenzene			Not detected		10
1,2,4-Trimethylbenzene			Not detected		10
1,2-Dibromo-3-chloropropane			Not detected		10

YORK

Client Sample ID			MW-1		
York Sample ID			08061008-01		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dibromoethane			Not detected		10
1,2-Dichlorobenzene			Not detected		10
1,2-Dichloroethane			Not detected		10
1,2-Dichloropropane			Not detected		10
1,2-Dichlorothylene (Total)			Not detected		10
1,3,5-Trimethylbenzene			Not detected		10
1,3-Dichlorobenzene			Not detected		10
1,3-Dichloropropane			Not detected		10
1,4-Dichlorobenzene			Not detected		10
2,2-Dichloropropane			Not detected		10
2-Chlorotoluene			Not detected		10
4-Chlorotoluene			Not detected		10
Benzene			320		10
Bromobenzene			Not detected		10
Bromochloromethane			Not detected		10
Bromodichloromethane			Not detected		10
Bromoform			Not detected		10
Bromomethane			Not detected		10
Carbon tetrachloride			Not detected		10
Chlorobenzene			Not detected		10
Chloroethane			Not detected		10
Chloroform			Not detected		10
Chloromethane			Not detected		10
cis-1,3-Dichloropropylene			Not detected		10
Dibromochloromethane			Not detected		10
Dibromomethane			Not detected		10
Dichlorodifluoromethane			Not detected		10
Ethylbenzene			Not detected		10
Hexachlorobutadiene			Not detected		10
Isopropylbenzene			39		10
Methylene chloride			Not detected		10
MTBE			22		10
Naphthalene			Not detected		10
n-Butylbenzene			Not detected		10
n-Propylbenzene			14		10
o-Xylene			Not detected		10
p- & m-Xylenes			Not detected		10
p-Isopropyltoluene			Not detected		10
sec-Butylbenzene			Not detected		10
Styrene			Not detected		10
tert-Butylbenzene			Not detected		10
Tetrachloroethylene			Not detected		10
Toluene			24		10
trans-1,3-Dichloropropylene			Not detected		10
Trichloroethylene			Not detected		10
Trichlorofluoromethane			Not detected		10
Vinyl chloride			Not detected		10

YORK

Client Sample ID			MW-1		
York Sample ID			08061008-01		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbons (BN)	SW846-8270	ug/L	---	---	---
Acenaphthene			38		5.4
Acenaphthylene			Not detected		5.4
Anthracene			4	J	5.4
Benzo[a]anthracene			Not detected		5.4
Benzo[a]pyrene			Not detected		5.4
Benzo[b]fluoranthene			Not detected		5.4
Benzo[g,h,i]perylene			Not detected		5.4
Benzo[k]fluoranthene			Not detected		5.4
Chyrsene			Not detected		5.4
Dibenz[a,h]anthracene			Not detected		5.4
Fluoranthene			2	J	5.4
Fluorene			10		5.4
Indeno[1,2,3-cd]pyrene			Not detected		5.4
Naphthalene			9		5.4
Phenanthrene			19		5.4
Pyrene			3	J	5.4

Client Sample ID			MW-2		
York Sample ID			08061008-02		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8021 List	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,2-Dichlorothylene (Total)			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0

YORK

Client Sample ID			MW-2		
York Sample ID			08061008-02		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Benzene			38		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methylene chloride			Not detected		5.0
MTBE			2	J	5.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			3	J	5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0
Polynuclear Aromatic Hydrocarbons (BN)	SW846-8270	ug/L	---	---	---
Acenaphthene			Not detected		5.6
Acenaphthylene			Not detected		5.6
Anthracene			Not detected		5.6
Benzo[a]anthracene			Not detected		5.6
Benzo[a]pyrene			Not detected		5.6
Benzo[b]fluoranthene			Not detected		5.6
Benzo[g,h,i]perylene			Not detected		5.6
Benzo[k]fluoranthene			Not detected		5.6
Chyrsene			Not detected		5.6
Dibenz[a,h]anthracene			Not detected		5.6
Fluoranthene			Not detected		5.6
Fluorene			Not detected		5.6

YORK

Client Sample ID			MW-2		
York Sample ID			08061008-02		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Indeno[1,2,3-cd]pyrene			Not detected		5.6
Naphthalene			Not detected		5.6
Phenanthrene			Not detected		5.6
Pyrene			Not detected		5.6

Client Sample ID			MW-3		
York Sample ID			08061008-03		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8021 List	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			4	J	5.0
1,2-Dichloropropane			Not detected		5.0
1,2-Dichlorothylene (Total)			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			172		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0

YORK

Client Sample ID			MW-3		
York Sample ID			08061008-03		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			20		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			10		5.0
Methylene chloride			Not detected		5.0
MTBE			6		5.0
Naphthalene			48		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			2	J	5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0
Polynuclear Aromatic Hydrocarbons (BN)	SW846-8270	ug/L	---	---	---
Acenaphthene			Not detected		52
Acenaphthylene			Not detected		52
Anthracene			Not detected		52
Benzo[a]anthracene			Not detected		52
Benzo[a]pyrene			Not detected		52
Benzo[b]fluoranthene			Not detected		52
Benzo[g,h,i]perylene			Not detected		52
Benzo[k]fluoranthene			Not detected		52
Chyrsene			Not detected		52
Dibenz[a,h]anthracene			Not detected		52
Fluoranthene			Not detected		52
Fluorene			Not detected		52
Indeno[1,2,3-cd]pyrene			Not detected		52
Naphthalene			120		52
Phenanthrene			Not detected		52
Pyrene			Not detected		52

Client Sample ID			Trip Blank		
York Sample ID			08061008-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, 8021 List	SW846-8260	ug/L	---	---	---
1,1,1,2-Tetrachloroethane			Not detected		5.0
1,1,1-Trichloroethane			Not detected		5.0

YORK

Client Sample ID			Trip Blank		
York Sample ID			08061008-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
1,1,2,2-Tetrachloroethane			Not detected		5.0
1,1,2-Trichloroethane			Not detected		5.0
1,1-Dichloroethane			Not detected		5.0
1,1-Dichloroethylene			Not detected		5.0
1,1-Dichloropropylene			Not detected		5.0
1,2,3-Trichlorobenzene			Not detected		5.0
1,2,3-Trichloropropane			Not detected		5.0
1,2,4-Trichlorobenzene			Not detected		5.0
1,2,4-Trimethylbenzene			Not detected		5.0
1,2-Dibromo-3-chloropropane			Not detected		5.0
1,2-Dibromoethane			Not detected		5.0
1,2-Dichlorobenzene			Not detected		5.0
1,2-Dichloroethane			Not detected		5.0
1,2-Dichloropropane			Not detected		5.0
1,2-Dichlorothylene (Total)			Not detected		5.0
1,3,5-Trimethylbenzene			Not detected		5.0
1,3-Dichlorobenzene			Not detected		5.0
1,3-Dichloropropane			Not detected		5.0
1,4-Dichlorobenzene			Not detected		5.0
2,2-Dichloropropane			Not detected		5.0
2-Chlorotoluene			Not detected		5.0
4-Chlorotoluene			Not detected		5.0
Benzene			Not detected		5.0
Bromobenzene			Not detected		5.0
Bromochloromethane			Not detected		5.0
Bromodichloromethane			Not detected		5.0
Bromoform			Not detected		5.0
Bromomethane			Not detected		5.0
Carbon tetrachloride			Not detected		5.0
Chlorobenzene			Not detected		5.0
Chloroethane			Not detected		5.0
Chloroform			Not detected		5.0
Chloromethane			Not detected		5.0
cis-1,3-Dichloropropylene			Not detected		5.0
Dibromochloromethane			Not detected		5.0
Dibromomethane			Not detected		5.0
Dichlorodifluoromethane			Not detected		5.0
Ethylbenzene			Not detected		5.0
Hexachlorobutadiene			Not detected		5.0
Isopropylbenzene			Not detected		5.0
Methylene chloride			Not detected		5.0
MTBE			Not detected		5.0
Naphthalene			Not detected		5.0
n-Butylbenzene			Not detected		5.0
n-Propylbenzene			Not detected		5.0
o-Xylene			Not detected		5.0
p- & m-Xylenes			Not detected		5.0
p-Isopropyltoluene			Not detected		5.0

YORK

Client Sample ID			Trip Blank		
York Sample ID			08061008-04		
Matrix			WATER		
Parameter	Method	Units	Result	Qualifier	RL
sec-Butylbenzene			Not detected		5.0
Styrene			Not detected		5.0
tert-Butylbenzene			Not detected		5.0
Tetrachloroethylene			Not detected		5.0
Toluene			Not detected		5.0
trans-1,3-Dichloropropylene			Not detected		5.0
Trichloroethylene			Not detected		5.0
Trichlorofluoromethane			Not detected		5.0
Vinyl chloride			Not detected		5.0

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

Notes for York Project No. 08061008

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: _____ **Date:** 7/3/2008
Robert Q. Bradley
Managing Director

YORK

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

0806008

Company Name	Report to:	Invoice to:	Project ID/No.
Ecosystems Strategies Inc.	Adam Lee	BRENDA	GY99143.70

Samples Collected by (signature)

Adam Lee
Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix				Analyses Requested	Container Desc.
			Water	Soil	Air	Other		
	MW-1	5/25/2008	X				VOCs (8021), PAHs (8270)	40 mL Vial (x2), 1L Amber Jar
	MW-2	5/25/2008	X				VOCs (8021), PAHs (8270)	40 mL Vial (x2), 1L Amber Jar
	MW-3	5/25/2008	X				VOCs (8021), PAHs (8270)	40 mL Vial (x2), 1L Amber Jar
	Trip Blank	5/25/2008	X				VOCs (8021)	40 mL Vial (x2)

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	6/26/08 12:50 Date/Time	Samples received by	6-26-08 12:40 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	6-26-08/1820 Date/Time

Comments/Special Instructions

4.1°C

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

X STANDARD _____ RUSH(Define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Adam Lee

Report Date: 7/11/2008
Re: Client Project ID: GY99143.70
York Project No.: 08070034

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

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 7/11/2008
Client Project ID: GY99143.70
York Project No.: 08070034

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Adam Lee

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 06/30/08. The project was identified as your project "GY99143.70".

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

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

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

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

Analysis Results

Client Sample ID			F-1A		
York Sample ID			08070034-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		2.0
1,1,2,2-tetrachloroethane			Not detected		2.0
1,1,2-Trichloroethane			Not detected		2.0
1,1-Dichloroethane			Not detected		2.0
1,1-Dichloroethylene			Not detected		2.0
1,2,4-Trichlorobenzene			Not detected		2.0
1,2,4-Trimethylbenzene			Not detected		2.0
1,2-Dibromoethane			Not detected		2.0
1,2-Dichlorobenzene			Not detected		2.0
1,2-Dichloroethane			Not detected		2.0
1,2-Dichloropropane			Not detected		2.0
1,2-Dichlorotetrafluoroethane			Not detected		2.0

YORK

Client Sample ID			F-1A		
York Sample ID			08070034-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,3,5-Trimethylbenzene			Not detected		2.0
1,3-Butadiene			Not detected		2.0
1,3-Dichlorobenzene			Not detected		2.0
1,4-Dichlorobenzene			Not detected		2.0
2,2,4-Trimethylpentane			Not detected		2.0
4-Ethyltoluene			Not detected		2.0
Acetone			8.8		2.0
Allyl Chloride			Not detected		2.0
Benzene			Not detected		2.0
Bromodichloromethane			Not detected		2.0
Bromoform			Not detected		2.0
Bromomethane			Not detected		2.0
Carbon Disulfide			3.0		2.0
Carbon Tetrachloride			Not detected		2.0
Chlorobenzene			Not detected		2.0
Chloroethane			Not detected		2.0
Chloroform			Not detected		2.0
Chloromethane			Not detected		2.0
cis-1,2-Dichloroethylene			Not detected		2.0
cis-1,3-Dichloropropylene			Not detected		2.0
Cyclohexane			Not detected		2.0
Dibromochloromethane			Not detected		2.0
Dichlorodifluoromethane			Not detected		2.0
Ethyl acetate			Not detected		2.0
Ethylbenzene			Not detected		2.0
Freon-113			Not detected		2.0
Hexachloro-1,3-Butadiene			Not detected		2.0
Isopropanol			Not detected		2.0
Methyl Ethyl ketone			Not detected		2.0
Methyl Isobutyl ketone			Not detected		2.0
Methylene Chloride			Not detected		2.0
MTBE			Not detected		2.0
n-Heptane			Not detected		2.0
n-Hexane			Not detected		2.0
o-Xylene			Not detected		2.0
p- & m-Xylenes			Not detected		2.0
Propylene			Not detected		2.0
Styrene			Not detected		2.0
Tetrachloroethylene			Not detected		2.0
Tetrahydrofuran			Not detected		2.0
Toluene			Not detected		2.0
trans-1,2-Dichloroethylene			Not detected		2.0
trans-1,3-Dichloropropylene			Not detected		2.0
Trichloroethylene			Not detected		2.0
Trichlorofluoromethane			Not detected		2.0
Vinyl acetate			Not detected		2.0
Vinyl Bromide			Not detected		2.0
Vinyl Chloride			Not detected		2.0

YORK

Client Sample ID			F-1A		
York Sample ID			08070034-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		11.1
1,1,2,2-tetrachloroethane			Not detected		14.0
1,1,2-Trichloroethane			Not detected		11.1
1,1-Dichloroethane			Not detected		8.20
1,1-Dichloroethylene			Not detected		8.10
1,2,4-Trichlorobenzene			Not detected		16.6
1,2,4-Trimethylbenzene			Not detected		10.0
1,2-Dibromoethane			Not detected		15.6
1,2-Dichlorobenzene			Not detected		12.2
1,2-Dichloroethane			Not detected		8.20
1,2-Dichloropropane			Not detected		9.40
1,2-Dichlorotetrafluoroethane			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
1,3-Butadiene			Not detected		4.50
1,3-Dichlorobenzene			Not detected		12.2
1,4-Dichlorobenzene			Not detected		12.2
2,2,4-Trimethylpentane			Not detected		9.50
4-Ethyltoluene			Not detected		10.0
Acetone			21.3		4.80
Allyl Chloride			Not detected		6.40
Benzene			Not detected		6.50
Bromodichloromethane			Not detected		13.6
Bromoform			Not detected		21.0
Bromomethane			Not detected		7.90
Carbon Disulfide			9.50		6.30
Carbon Tetrachloride			Not detected		12.8
Chlorobenzene			Not detected		9.40
Chloroethane			Not detected		5.40
Chloroform			Not detected		9.90
Chloromethane			Not detected		4.20
cis-1,2-Dichloroethylene			Not detected		8.10
cis-1,3-Dichloropropylene			Not detected		9.90
Cyclohexane			Not detected		7.00
Dibromochloromethane			Not detected		17.3
Dichlorodifluoromethane			Not detected		10.1
Ethyl acetate			Not detected		7.50
Ethylbenzene			Not detected		8.80
Freon-113			Not detected		15.6
Hexachloro-1,3-Butadiene			Not detected		14.2
Isopropanol			Not detected		5.00
Methyl Ethyl ketone			Not detected		6.00
Methyl Isobutyl ketone			Not detected		8.30
Methylene Chloride			Not detected		7.10
MTBE			Not detected		7.30
n-Heptane			Not detected		8.30
n-Hexane			Not detected		7.20
o-Xylene			Not detected		8.80

YORK

Client Sample ID			F-1A		
York Sample ID			08070034-01		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
p- & m-Xylenes			Not detected		8.80
Propylene			Not detected		3.50
Styrene			Not detected		8.70
Tetrachloroethylene			Not detected		13.8
Tetrahydrofuran			Not detected		6.00
Toluene			Not detected		7.70
trans-1,2-Dichloroethylene			Not detected		8.10
trans-1,3-Dichloropropylene			Not detected		10.1
Trichloroethylene			Not detected		10.9
Trichlorofluoromethane			Not detected		11.4
Vinyl acetate			Not detected		7.20
Vinyl Bromide			Not detected		8.90
Vinyl Chloride			Not detected		5.20

Client Sample ID			F-2A		
York Sample ID			08070034-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		2.0
1,1,2,2-tetrachloroethane			Not detected		2.0
1,1,2-Trichloroethane			Not detected		2.0
1,1-Dichloroethane			Not detected		2.0
1,1-Dichloroethylene			Not detected		2.0
1,2,4-Trichlorobenzene			Not detected		2.0
1,2,4-Trimethylbenzene			Not detected		2.0
1,2-Dibromoethane			Not detected		2.0
1,2-Dichlorobenzene			Not detected		2.0
1,2-Dichloroethane			Not detected		2.0
1,2-Dichloropropane			Not detected		2.0
1,2-Dichlorotetrafluoroethane			Not detected		2.0
1,3,5-Trimethylbenzene			Not detected		2.0
1,3-Butadiene			Not detected		2.0
1,3-Dichlorobenzene			Not detected		2.0
1,4-Dichlorobenzene			Not detected		2.0
2,2,4-Trimethylpentane			Not detected		2.0
4-Ethyltoluene			Not detected		2.0
Acetone			13		2.0
Allyl Chloride			Not detected		2.0
Benzene			Not detected		2.0
Bromodichloromethane			Not detected		2.0
Bromoform			Not detected		2.0
Bromomethane			Not detected		2.0
Carbon Disulfide			7.3		2.0
Carbon Tetrachloride			Not detected		2.0
Chlorobenzene			Not detected		2.0
Chloroethane			Not detected		2.0

YORK

Client Sample ID			F-2A		
York Sample ID			08070034-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Chloroform			Not detected		2.0
Chloromethane			Not detected		2.0
cis-1,2-Dichloroethylene			Not detected		2.0
cis-1,3-Dichloropropylene			Not detected		2.0
Cyclohexane			Not detected		2.0
Dibromochloromethane			Not detected		2.0
Dichlorodifluoromethane			Not detected		2.0
Ethyl acetate			Not detected		2.0
Ethylbenzene			Not detected		2.0
Freon-113			Not detected		2.0
Hexachloro-1,3-Butadiene			Not detected		2.0
Isopropanol			Not detected		2.0
Methyl Ethyl ketone			Not detected		2.0
Methyl Isobutyl ketone			Not detected		2.0
Methylene Chloride			Not detected		2.0
MTBE			Not detected		2.0
n-Heptane			Not detected		2.0
n-Hexane			Not detected		2.0
o-Xylene			Not detected		2.0
p- & m-Xylenes			Not detected		2.0
Propylene			Not detected		2.0
Styrene			Not detected		2.0
Tetrachloroethylene			Not detected		2.0
Tetrahydrofuran			Not detected		2.0
Toluene			Not detected		2.0
trans-1,2-Dichloroethylene			Not detected		2.0
trans-1,3-Dichloropropylene			Not detected		2.0
Trichloroethylene			Not detected		2.0
Trichlorofluoromethane			Not detected		2.0
Vinyl acetate			Not detected		2.0
Vinyl Bromide			Not detected		2.0
Vinyl Chloride			Not detected		2.0
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		11.1
1,1,2,2-tetrachloroethane			Not detected		14.0
1,1,2-Trichloroethane			Not detected		11.1
1,1-Dichloroethane			Not detected		8.20
1,1-Dichloroethylene			Not detected		8.10
1,2,4-Trichlorobenzene			Not detected		16.6
1,2,4-Trimethylbenzene			Not detected		10.0
1,2-Dibromoethane			Not detected		15.6
1,2-Dichlorobenzene			Not detected		12.2
1,2-Dichloroethane			Not detected		8.20
1,2-Dichloropropane			Not detected		9.40
1,2-Dichlorotetrafluoroethane			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
1,3-Butadiene			Not detected		4.50
1,3-Dichlorobenzene			Not detected		12.2

YORK

Client Sample ID			F-2A		
York Sample ID			08070034-02		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,4-Dichlorobenzene			Not detected		12.2
2,2,4-Trimethylpentane			Not detected		9.50
4-Ethyltoluene			Not detected		10.0
Acetone			31.4		4.80
Allyl Chloride			Not detected		6.40
Benzene			Not detected		6.50
Bromodichloromethane			Not detected		13.6
Bromoform			Not detected		21.0
Bromomethane			Not detected		7.90
Carbon Disulfide			23.1		6.30
Carbon Tetrachloride			Not detected		12.8
Chlorobenzene			Not detected		9.40
Chloroethane			Not detected		5.40
Chloroform			Not detected		9.90
Chloromethane			Not detected		4.20
cis-1,2-Dichloroethylene			Not detected		8.10
cis-1,3-Dichloropropylene			Not detected		9.90
Cyclohexane			Not detected		7.00
Dibromochloromethane			Not detected		17.3
Dichlorodifluoromethane			Not detected		10.1
Ethyl acetate			Not detected		7.50
Ethylbenzene			Not detected		8.80
Freon-113			Not detected		15.6
Hexachloro-1,3-Butadiene			Not detected		14.2
Isopropanol			Not detected		5.00
Methyl Ethyl ketone			Not detected		6.00
Methyl Isobutyl ketone			Not detected		8.30
Methylene Chloride			Not detected		7.10
MTBE			Not detected		7.30
n-Heptane			Not detected		8.30
n-Hexane			Not detected		7.20
o-Xylene			Not detected		8.80
p- & m-Xylenes			Not detected		8.80
Propylene			Not detected		3.50
Styrene			Not detected		8.70
Tetrachloroethylene			Not detected		13.8
Tetrahydrofuran			Not detected		6.00
Toluene			Not detected		7.70
trans-1,2-Dichloroethylene			Not detected		8.10
trans-1,3-Dichloropropylene			Not detected		10.1
Trichloroethylene			Not detected		10.9
Trichlorofluoromethane			Not detected		11.4
Vinyl acetate			Not detected		7.20
Vinyl Bromide			Not detected		8.90
Vinyl Chloride			Not detected		5.20

YORK

Client Sample ID			F-3A		
York Sample ID			08070034-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		2.0
1,1,2,2-tetrachloroethane			Not detected		2.0
1,1,2-Trichloroethane			Not detected		2.0
1,1-Dichloroethane			Not detected		2.0
1,1-Dichloroethylene			Not detected		2.0
1,2,4-Trichlorobenzene			Not detected		2.0
1,2,4-Trimethylbenzene			Not detected		2.0
1,2-Dibromoethane			Not detected		2.0
1,2-Dichlorobenzene			Not detected		2.0
1,2-Dichloroethane			Not detected		2.0
1,2-Dichloropropane			Not detected		2.0
1,2-Dichlorotetrafluoroethane			Not detected		2.0
1,3,5-Trimethylbenzene			Not detected		2.0
1,3-Butadiene			Not detected		2.0
1,3-Dichlorobenzene			Not detected		2.0
1,4-Dichlorobenzene			Not detected		2.0
2,2,4-Trimethylpentane			Not detected		2.0
4-Ethyltoluene			Not detected		2.0
Acetone			19		2.0
Allyl Chloride			Not detected		2.0
Benzene			Not detected		2.0
Bromodichloromethane			Not detected		2.0
Bromoform			Not detected		2.0
Bromomethane			Not detected		2.0
Carbon Disulfide			Not detected		2.0
Carbon Tetrachloride			Not detected		2.0
Chlorobenzene			Not detected		2.0
Chloroethane			Not detected		2.0
Chloroform			Not detected		2.0
Chloromethane			Not detected		2.0
cis-1,2-Dichloroethylene			Not detected		2.0
cis-1,3-Dichloropropylene			Not detected		2.0
Cyclohexane			Not detected		2.0
Dibromochloromethane			Not detected		2.0
Dichlorodifluoromethane			Not detected		2.0
Ethyl acetate			Not detected		2.0
Ethylbenzene			Not detected		2.0
Freon-113			Not detected		2.0
Hexachloro-1,3-Butadiene			Not detected		2.0
Isopropanol			Not detected		2.0
Methyl Ethyl ketone			Not detected		2.0
Methyl Isobutyl ketone			Not detected		2.0
Methylene Chloride			Not detected		2.0
MTBE			Not detected		2.0

Client Sample ID			F-3A		
York Sample ID			08070034-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
n-Heptane			Not detected		2.0
n-Hexane			Not detected		2.0
o-Xylene			Not detected		2.0
p- & m-Xylenes			Not detected		2.0
Propylene			Not detected		2.0
Styrene			Not detected		2.0
Tetrachloroethylene			Not detected		2.0
Tetrahydrofuran			Not detected		2.0
Toluene			Not detected		2.0
trans-1,2-Dichloroethylene			Not detected		2.0
trans-1,3-Dichloropropylene			Not detected		2.0
Trichloroethylene			Not detected		2.0
Trichlorofluoromethane			Not detected		2.0
Vinyl acetate			Not detected		2.0
Vinyl Bromide			Not detected		2.0
Vinyl Chloride			Not detected		2.0
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		11.1
1,1,2,2-tetrachloroethane			Not detected		14.0
1,1,2-Trichloroethane			Not detected		11.1
1,1-Dichloroethane			Not detected		8.20
1,1-Dichloroethylene			Not detected		8.10
1,2,4-Trichlorobenzene			Not detected		16.6
1,2,4-Trimethylbenzene			Not detected		10.0
1,2-Dibromoethane			Not detected		15.6
1,2-Dichlorobenzene			Not detected		12.2
1,2-Dichloroethane			Not detected		8.20
1,2-Dichloropropane			Not detected		9.40
1,2-Dichlorotetrafluoroethane			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
1,3-Butadiene			Not detected		4.50
1,3-Dichlorobenzene			Not detected		12.2
1,4-Dichlorobenzene			Not detected		12.2
2,2,4-Trimethylpentane			Not detected		9.50
4-Ethyltoluene			Not detected		10.0
Acetone			45.9		4.80
Allyl Chloride			Not detected		6.40
Benzene			Not detected		6.50
Bromodichloromethane			Not detected		13.6
Bromoform			Not detected		21.0
Bromomethane			Not detected		7.90
Carbon Disulfide			Not detected		6.30
Carbon Tetrachloride			Not detected		12.8
Chlorobenzene			Not detected		9.40
Chloroethane			Not detected		5.40
Chloroform			Not detected		9.90
Chloromethane			Not detected		4.20

YORK

Client Sample ID			F-3A		
York Sample ID			08070034-03		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
cis-1,2-Dichloroethylene			Not detected		8.10
cis-1,3-Dichloropropylene			Not detected		9.90
Cyclohexane			Not detected		7.00
Dibromochloromethane			Not detected		17.3
Dichlorodifluoromethane			Not detected		10.1
Ethyl acetate			Not detected		7.50
Ethylbenzene			Not detected		8.80
Freon-113			Not detected		15.6
Hexachloro-1,3-Butadiene			Not detected		14.2
Isopropanol			Not detected		5.00
Methyl Ethyl ketone			Not detected		6.00
Methyl Isobutyl ketone			Not detected		8.30
Methylene Chloride			Not detected		7.10
MTBE			Not detected		7.30
n-Heptane			Not detected		8.30
n-Hexane			Not detected		7.20
o-Xylene			Not detected		8.80
p- & m-Xylenes			Not detected		8.80
Propylene			Not detected		3.50
Styrene			Not detected		8.70
Tetrachloroethylene			Not detected		13.8
Tetrahydrofuran			Not detected		6.00
Toluene			Not detected		7.70
trans-1,2-Dichloroethylene			Not detected		8.10
trans-1,3-Dichloropropylene			Not detected		10.1
Trichloroethylene			Not detected		10.9
Trichlorofluoromethane			Not detected		11.4
Vinyl acetate			Not detected		7.20
Vinyl Bromide			Not detected		8.90
Vinyl Chloride			Not detected		5.20

Client Sample ID			F-4A		
York Sample ID			08070034-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		2.0
1,1,2,2-tetrachloroethane			Not detected		2.0
1,1,2-Trichloroethane			Not detected		2.0
1,1-Dichloroethane			Not detected		2.0
1,1-Dichloroethylene			Not detected		2.0
1,2,4-Trichlorobenzene			Not detected		2.0
1,2,4-Trimethylbenzene			Not detected		2.0
1,2-Dibromoethane			Not detected		2.0
1,2-Dichlorobenzene			Not detected		2.0
1,2-Dichloroethane			Not detected		2.0
1,2-Dichloropropane			Not detected		2.0

YORK

Client Sample ID			F-4A		
York Sample ID			08070034-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,2-Dichlorotetrafluoroethane			Not detected		2.0
1,3,5-Trimethylbenzene			Not detected		2.0
1,3-Butadiene			Not detected		2.0
1,3-Dichlorobenzene			Not detected		2.0
1,4-Dichlorobenzene			Not detected		2.0
2,2,4-Trimethylpentane			Not detected		2.0
4-Ethyltoluene			Not detected		2.0
Acetone			16		2.0
Allyl Chloride			Not detected		2.0
Benzene			Not detected		2.0
Bromodichloromethane			Not detected		2.0
Bromoform			Not detected		2.0
Bromomethane			Not detected		2.0
Carbon Disulfide			Not detected		2.0
Carbon Tetrachloride			Not detected		2.0
Chlorobenzene			Not detected		2.0
Chloroethane			Not detected		2.0
Chloroform			Not detected		2.0
Chloromethane			Not detected		2.0
cis-1,2-Dichloroethylene			Not detected		2.0
cis-1,3-Dichloropropylene			Not detected		2.0
Cyclohexane			Not detected		2.0
Dibromochloromethane			Not detected		2.0
Dichlorodifluoromethane			Not detected		2.0
Ethyl acetate			Not detected		2.0
Ethylbenzene			Not detected		2.0
Freon-113			Not detected		2.0
Hexachloro-1,3-Butadiene			Not detected		2.0
Isopropanol			Not detected		2.0
Methyl Ethyl ketone			Not detected		2.0
Methyl Isobutyl ketone			Not detected		2.0
Methylene Chloride			Not detected		2.0
MTBE			Not detected		2.0
n-Heptane			Not detected		2.0
n-Hexane			Not detected		2.0
o-Xylene			Not detected		2.0
p- & m-Xylenes			Not detected		2.0
Propylene			Not detected		2.0
Styrene			Not detected		2.0
Tetrachloroethylene			Not detected		2.0
Tetrahydrofuran			Not detected		2.0
Toluene			Not detected		2.0
trans-1,2-Dichloroethylene			Not detected		2.0
trans-1,3-Dichloropropylene			Not detected		2.0
Trichloroethylene			Not detected		2.0
Trichlorofluoromethane			Not detected		2.0
Vinyl acetate			Not detected		2.0
Vinyl Bromide			Not detected		2.0

YORK

Client Sample ID			F-4A		
York Sample ID			08070034-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Vinyl Chloride			Not detected		2.0
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		11.1
1,1,2,2-tetrachloroethane			Not detected		14.0
1,1,2-Trichloroethane			Not detected		11.1
1,1-Dichloroethane			Not detected		8.20
1,1-Dichloroethylene			Not detected		8.10
1,2,4-Trichlorobenzene			Not detected		16.6
1,2,4-Trimethylbenzene			Not detected		10.0
1,2-Dibromoethane			Not detected		15.6
1,2-Dichlorobenzene			Not detected		12.2
1,2-Dichloroethane			Not detected		8.20
1,2-Dichloropropane			Not detected		9.40
1,2-Dichlorotetrafluoroethane			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
1,3-Butadiene			Not detected		4.50
1,3-Dichlorobenzene			Not detected		12.2
1,4-Dichlorobenzene			Not detected		12.2
2,2,4-Trimethylpentane			Not detected		9.50
4-Ethyltoluene			Not detected		10.0
Acetone			38.7		4.80
Allyl Chloride			Not detected		6.40
Benzene			Not detected		6.50
Bromodichloromethane			Not detected		13.6
Bromoform			Not detected		21.0
Bromomethane			Not detected		7.90
Carbon Disulfide			Not detected		6.30
Carbon Tetrachloride			Not detected		12.8
Chlorobenzene			Not detected		9.40
Chloroethane			Not detected		5.40
Chloroform			Not detected		9.90
Chloromethane			Not detected		4.20
cis-1,2-Dichloroethylene			Not detected		8.10
cis-1,3-Dichloropropylene			Not detected		9.90
Cyclohexane			Not detected		7.00
Dibromochloromethane			Not detected		17.3
Dichlorodifluoromethane			Not detected		10.1
Ethyl acetate			Not detected		7.50
Ethylbenzene			Not detected		8.80
Freon-113			Not detected		15.6
Hexachloro-1,3-Butadiene			Not detected		14.2
Isopropanol			Not detected		5.00
Methyl Ethyl ketone			Not detected		6.00
Methyl Isobutyl ketone			Not detected		8.30
Methylene Chloride			Not detected		7.10
MTBE			Not detected		7.30
n-Heptane			Not detected		8.30
n-Hexane			Not detected		7.20

YORK

Client Sample ID			F-4A		
York Sample ID			08070034-04		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
o-Xylene			Not detected		8.80
p- & m-Xylenes			Not detected		8.80
Propylene			Not detected		3.50
Styrene			Not detected		8.70
Tetrachloroethylene			Not detected		13.8
Tetrahydrofuran			Not detected		6.00
Toluene			Not detected		7.70
trans-1,2-Dichloroethylene			Not detected		8.10
trans-1,3-Dichloropropylene			Not detected		10.1
Trichloroethylene			Not detected		10.9
Trichlorofluoromethane			Not detected		11.4
Vinyl acetate			Not detected		7.20
Vinyl Bromide			Not detected		8.90
Vinyl Chloride			Not detected		5.20

Client Sample ID			Background A		
York Sample ID			08070034-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Volatiles, TO-15 List	EPA TO15	ppbv	---	---	---
1,1,1-Trichloroethane			Not detected		2.0
1,1,2,2-tetrachloroethane			Not detected		2.0
1,1,2-Trichloroethane			Not detected		2.0
1,1-Dichloroethane			Not detected		2.0
1,1-Dichloroethylene			Not detected		2.0
1,2,4-Trichlorobenzene			Not detected		2.0
1,2,4-Trimethylbenzene			Not detected		2.0
1,2-Dibromoethane			Not detected		2.0
1,2-Dichlorobenzene			Not detected		2.0
1,2-Dichloroethane			Not detected		2.0
1,2-Dichloropropane			Not detected		2.0
1,2-Dichlorotetrafluoroethane			Not detected		2.0
1,3,5-Trimethylbenzene			Not detected		2.0
1,3-Butadiene			Not detected		2.0
1,3-Dichlorobenzene			Not detected		2.0
1,4-Dichlorobenzene			Not detected		2.0
2,2,4-Trimethylpentane			Not detected		2.0
4-Ethyltoluene			Not detected		2.0
Acetone			25		2.0
Allyl Chloride			Not detected		2.0
Benzene			Not detected		2.0
Bromodichloromethane			Not detected		2.0
Bromoform			Not detected		2.0
Bromomethane			Not detected		2.0
Carbon Disulfide			Not detected		2.0
Carbon Tetrachloride			Not detected		2.0
Chlorobenzene			Not detected		2.0

YORK

Client Sample ID			Background A		
York Sample ID			08070034-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Chloroethane			Not detected		2.0
Chloroform			Not detected		2.0
Chloromethane			Not detected		2.0
cis-1,2-Dichloroethylene			Not detected		2.0
cis-1,3-Dichloropropylene			Not detected		2.0
Cyclohexane			Not detected		2.0
Dibromochloromethane			Not detected		2.0
Dichlorodifluoromethane			Not detected		2.0
Ethyl acetate			Not detected		2.0
Ethylbenzene			Not detected		2.0
Freon-113			Not detected		2.0
Hexachloro-1,3-Butadiene			Not detected		2.0
Isopropanol			Not detected		2.0
Methyl Ethyl ketone			Not detected		2.0
Methyl Isobutyl ketone			Not detected		2.0
Methylene Chloride			Not detected		2.0
MTBE			Not detected		2.0
n-Heptane			Not detected		2.0
n-Hexane			Not detected		2.0
o-Xylene			Not detected		2.0
p- & m-Xylenes			Not detected		2.0
Propylene			Not detected		2.0
Styrene			Not detected		2.0
Tetrachloroethylene			Not detected		2.0
Tetrahydrofuran			Not detected		2.0
Toluene			Not detected		2.0
trans-1,2-Dichloroethylene			Not detected		2.0
trans-1,3-Dichloropropylene			Not detected		2.0
Trichloroethylene			Not detected		2.0
Trichlorofluoromethane			Not detected		2.0
Vinyl acetate			Not detected		2.0
Vinyl Bromide			Not detected		2.0
Vinyl Chloride			Not detected		2.0
Volatiles, TO-15 List	EPA TO15	ug/cu.m.	---	---	---
1,1,1-Trichloroethane			Not detected		11.1
1,1,2,2-tetrachloroethane			Not detected		14.0
1,1,2-Trichloroethane			Not detected		11.1
1,1-Dichloroethane			Not detected		8.20
1,1-Dichloroethylene			Not detected		8.10
1,2,4-Trichlorobenzene			Not detected		16.6
1,2,4-Trimethylbenzene			Not detected		10.0
1,2-Dibromoethane			Not detected		15.6
1,2-Dichlorobenzene			Not detected		12.2
1,2-Dichloroethane			Not detected		8.20
1,2-Dichloropropane			Not detected		9.40
1,2-Dichlorotetrafluoroethane			Not detected		10.0
1,3,5-Trimethylbenzene			Not detected		10.0
1,3-Butadiene			Not detected		4.50

YORK

Client Sample ID			Background A		
York Sample ID			08070034-05		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
1,3-Dichlorobenzene			Not detected		12.2
1,4-Dichlorobenzene			Not detected		12.2
2,2,4-Trimethylpentane			Not detected		9.50
4-Ethyltoluene			Not detected		10.0
Acetone			60.4		4.80
Allyl Chloride			Not detected		6.40
Benzene			Not detected		6.50
Bromodichloromethane			Not detected		13.6
Bromoform			Not detected		21.0
Bromomethane			Not detected		7.90
Carbon Disulfide			Not detected		6.30
Carbon Tetrachloride			Not detected		12.8
Chlorobenzene			Not detected		9.40
Chloroethane			Not detected		5.40
Chloroform			Not detected		9.90
Chloromethane			Not detected		4.20
cis-1,2-Dichloroethylene			Not detected		8.10
cis-1,3-Dichloropropylene			Not detected		9.90
Cyclohexane			Not detected		7.00
Dibromochloromethane			Not detected		17.3
Dichlorodifluoromethane			Not detected		10.1
Ethyl acetate			Not detected		7.50
Ethylbenzene			Not detected		8.80
Freon-113			Not detected		15.6
Hexachloro-1,3-Butadiene			Not detected		14.2
Isopropanol			Not detected		5.00
Methyl Ethyl ketone			Not detected		6.00
Methyl Isobutyl ketone			Not detected		8.30
Methylene Chloride			Not detected		7.10
MTBE			Not detected		7.30
n-Heptane			Not detected		8.30
n-Hexane			Not detected		7.20
o-Xylene			Not detected		8.80
p- & m-Xylenes			Not detected		8.80
Propylene			Not detected		3.50
Styrene			Not detected		8.70
Tetrachloroethylene			Not detected		13.8
Tetrahydrofuran			Not detected		6.00
Toluene			Not detected		7.70
trans-1,2-Dichloroethylene			Not detected		8.10
trans-1,3-Dichloropropylene			Not detected		10.1
Trichloroethylene			Not detected		10.9
Trichlorofluoromethane			Not detected		11.4
Vinyl acetate			Not detected		7.20
Vinyl Bromide			Not detected		8.90
Vinyl Chloride			Not detected		5.20

YORK

Client Sample ID			F-1B		
York Sample ID			08070034-06		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbon	EPA CompTO13A	ug/cu.m.	---	---	---
Acenaphthene			Not detected		21
Anthracene			Not detected		21
Benzo[a]anthracene			Not detected		21
Benzo[a]pyrene			Not detected		21
Benzo[b]fluoranthene			Not detected		21
Benzo[g,h,i]perylene			Not detected		21
Benzo[k]fluoranthene			Not detected		21
Chrysene			Not detected		21
Dibenz[a,h]anthracene			Not detected		21
Fluoranthene			Not detected		21
Fluorene			Not detected		21
Indeno[1,2,3-cd]pyrene			Not detected		21
Naphthalene			Not detected		21
Phenanthrene			Not detected		21
Pyrene			Not detected		21

Client Sample ID			F-2B		
York Sample ID			08070034-07		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbon	EPA CompTO13A	ug/cu.m.	---	---	---
Acenaphthene			Not detected		21
Anthracene			Not detected		21
Benzo[a]anthracene			Not detected		21
Benzo[a]pyrene			Not detected		21
Benzo[b]fluoranthene			Not detected		21
Benzo[g,h,i]perylene			Not detected		21
Benzo[k]fluoranthene			Not detected		21
Chrysene			Not detected		21
Dibenz[a,h]anthracene			Not detected		21
Fluoranthene			Not detected		21
Fluorene			Not detected		21
Indeno[1,2,3-cd]pyrene			Not detected		21
Naphthalene			Not detected		21
Phenanthrene			Not detected		21
Pyrene			Not detected		21

Client Sample ID			F-3B		
York Sample ID			08070034-08		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbon	EPA CompTO13A	ug/cu.m.	---	---	---
Acenaphthene			Not detected		21
Anthracene			Not detected		21
Benzo[a]anthracene			Not detected		21

YORK

Client Sample ID			F-3B		
York Sample ID			08070034-08		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Benzo[a]pyrene			Not detected		21
Benzo[b]fluoranthene			Not detected		21
Benzo[g,h,i]perylene			Not detected		21
Benzo[k]fluoranthene			Not detected		21
Chrysene			Not detected		21
Dibenz[a,h]anthracene			Not detected		21
Fluoranthene			Not detected		21
Fluorene			Not detected		21
Indeno[1,2,3-cd]pyrene			Not detected		21
Naphthalene			Not detected		21
Phenanthrene			Not detected		21
Pyrene			Not detected		21

Client Sample ID			F-4B		
York Sample ID			08070034-09		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbon	EPA CompTO13A	ug/cu.m.	---	---	---
Acenaphthene			Not detected		21
Anthracene			Not detected		21
Benzo[a]anthracene			Not detected		21
Benzo[a]pyrene			Not detected		21
Benzo[b]fluoranthene			Not detected		21
Benzo[g,h,i]perylene			Not detected		21
Benzo[k]fluoranthene			Not detected		21
Chrysene			Not detected		21
Dibenz[a,h]anthracene			Not detected		21
Fluoranthene			Not detected		21
Fluorene			Not detected		21
Indeno[1,2,3-cd]pyrene			Not detected		21
Naphthalene			Not detected		21
Phenanthrene			Not detected		21
Pyrene			Not detected		21

Client Sample ID			Background B		
York Sample ID			08070034-10		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Polynuclear Aromatic Hydrocarbon	EPA CompTO13A	ug/cu.m.	---	---	---
Acenaphthene			Not detected		21
Anthracene			Not detected		21
Benzo[a]anthracene			Not detected		21
Benzo[a]pyrene			Not detected		21
Benzo[b]fluoranthene			Not detected		21
Benzo[g,h,i]perylene			Not detected		21
Benzo[k]fluoranthene			Not detected		21

YORK

Client Sample ID			Background B		
York Sample ID			08070034-10		
Matrix			AIR		
Parameter	Method	Units	Result	Qualifier	RL
Chrysene			Not detected		21
Dibenz[a,h]anthracene			Not detected		21
Fluoranthene			Not detected		21
Fluorene			Not detected		21
Indeno[1,2,3-cd]pyrene			Not detected		21
Naphthalene			Not detected		21
Phenanthrene			Not detected		21
Pyrene			Not detected		21

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

Notes for York Project No. 08070034

1. The "RL" is the REPORTING LIMIT and is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This REPORTING LIMIT is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.
8. Other attachments to this report, including Chain-of-custody documentation and Case narratives are hereby made a part of this report.

Approved By: for Robert Q. Bradley
Managing Director

Date: 7/11/2008

YORK

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	
Ecosystems Strategies Inc.	Adam Lee	BRENDA	GY99143.70	Samples collected by (signature) Adam Lee Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix				Analyses Requested	Container Desc.
			Water	Soil	Air	Other		
	F-1 A	6/27/2008			X		VOCs (TO-15)	3L Tedlar Bag
	F-2 A	6/27/2008			X		VOCs (TO-15)	3L Tedlar Bag
	F-3 A	6/27/2008			X		VOCs (TO-15)	3L Tedlar Bag
	F-4 A	6/27/2008			X		VOCs (TO-15)	3L Tedlar Bag
	Background A	6/27/2008			X		VOCs (TO-15)	3L Tedlar Bag
	F-1 B	6/27/2008			X	X	PAHs (TO-13)	PUF Tube
	F-2 B	6/27/2008			X	X	PAHs (TO-13)	PUF Tube
	F-3 B	6/27/2008			X	X	PAHs (TO-13)	PUF Tube
	F-4 B	6/27/2008			X	X	PAHs (TO-13)	PUF Tube
	Background B	6/27/2008			X	X	PAHs (TO-13)	PUF Tube

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by: 6/30/08 1:30	Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
Samples received by	Date/Time: 6-30-08 1:30		
Samples received in LAB by	Date/Time: 6-30-08 1700		

Comments/Special Instructions: **All PUF Tube samples collected at a rate of 2 Liters per minute of air for a duration of 2 hours.**

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

X STANDARD _____ RUSH(Define)_____