FPM group _____ Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA MAIL AND EMAIL

August 23, 2010

Ms. Geralynn Rosser
Suffolk County Department of Health Services
15 Horseblock Place
Farmingville, NY 11738

Re: **June 2010 Groundwater Sampling Results**
1735 Express Drive North, Hauppauge, New York
FPM File No. 894-06-01

Dear Geralynn:

FPM Group (FPM) has prepared this report to document the installation and sampling of a multi-level groundwater monitoring well at the above-referenced facility in accordance with your recommendations. The well location and site features are shown on the attached site plan.

Site Summary

Monitoring well MW-1 was installed in January 2008 on the west side of the property, as requested by the Suffolk County Department of Health Services (SCDHS), to evaluate groundwater conditions immediately downgradient of former leaching pool LP-4. This leaching pool had been impacted with volatile organic compounds (VOCs), was remediated in 2006 and 2007, and was properly abandoned in November 2007 in accordance with SCDHS requirements.

Monitoring well MW-1 was found to be impacted with several VOCs and was sampled on four occasions between January 2008 and March 2009. The primary VOCs detected included 1,1,1-trichloroethane (1,1,1-TCA), cis-1,2-dichloroethylene (cis-1,2-DCE), tetrachloroethylene (PCE), and trichloroethylene (TCE). Total VOC concentrations showed a steady decline during the monitoring period, decreasing by an order of magnitude from 1,100 micrograms per liter (µg/l) in January 2008 to 186 µg/l in March 2009. The number of VOCs detected in well MW-1 also steadily declined from eight VOCs in May 2008 to four VOCs in March 2009. Based on the removal of the source material and the demonstrated improvement in groundwater quality at MW-1, further improvement was anticipated. No further monitoring of well MW-1 was required by the SCDHS.

However, prior to issuing a "no further action" letter for this property, the SCDHS requested that one additional multi-level groundwater monitoring well be installed on the east side of the property. The additional well request was based on newly-obtained information that indicated a more easterly groundwater flow direction than previously understood. The purpose of the additional well was to evaluate groundwater conditions in a more easterly direction, both near the surface of the water table and at deeper intervals.

Groundwater Monitoring Well Installation and Sampling

Multi-level monitoring well MW-2 was installed on the east side of the property on June 12, 2010 at the location specified by the SCDHS as shown on the attached site plan. Well MW-2 is comprised of three one-inch diameter wells installed in the same borehole. The wells were designated as MW-2S (shallow), MW-2I (intermediate), and MW-2D (deep) and were completed with two feet of 0.01-inch slotted screen set at 85 to 87, 95 to 97, and 105 to 107 feet below grade, respectively. The depth to water was noted to be approximately 82 feet below grade; therefore, the well screens were set at 3 to 5, 13 to 15, and 23 to 25 feet below the water table, respectively.

Drill cuttings were visually examined during installation of the well and screened for organic vapors with a calibrated photoionization detector. No evidence of impacted soil was observed and no organic vapors were detected. The annulus interval for each well screen was backfilled using Morie #2 gravel. A bentonite seal was placed between each well screen interval and also above the shallow well screen. The annulus surrounding the well casings above the upper bentonite seal was backfilled with drill cuttings to three feet below grade. An additional bentonite seal was placed at one to three feet below grade. The top of the well was protected with a traffic-rated bolt-down manhole set in concrete. A boring log documenting the well construction details is attached.

Sampling was conducted on July 17, 2010. Prior to sampling the depth to water was measured to the nearest 0.01 foot from the top of each PVC casing and recorded. The wells were purged of at least three casing volumes of water using disposable polyethylene tubing connected to a check valve. Following the removal of each casing volume, the parameters turbidity, pH, conductivity, and temperature were measured to determine if equilibrium had been reached. In general, all parameters except for turbidity had stabilized following the removal of three casing volumes of water. Well purging and sampling data were recorded on well sampling forms, which are attached. A groundwater sample was then obtained from each well using a disposable polyethylene bailer and transferred to laboratory-supplied sample bottles. The sample bottles were labeled and maintained in a cooler with ice to depress the sample temperature until delivery to the laboratory. A chain of custody form was completed and kept with the cooler to document the sequence of sample possession. The samples were transmitted to a New York State Department of Health-certified laboratory and analyzed for VOCs using USEPA Method SW846-8260B.

The summarized data are shown in Table 1 and the complete laboratory analytical report is attached. The groundwater analytical results were compared to the New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards (Standards). Methylene chloride was noted in an associated laboratory blank; detections in the samples are B-flagged and are likely related to laboratory contamination. Five VOCs, including 1,1,1-TCA, 1,1-dichloroethane (1,1-DCA), cis-1,2-DCE, PCE, and TCE, were detected in the shallow well (MW-2S) at concentrations exceeding the NYSDEC Standards. The total VOC concentration in well MW-2S was 954 ug/l. The same five VOCs were detected in the intermediate well (MW-2I) at lower concentrations; the total VOC concentration in well MW-2I was 590 ug/l. Four VOCs were detected in the deep well (MW-2D) at lower concentrations than in the intermediate well MW-2I; the total VOC concentration in well MW-2D was 272 ug/l.

Discussion

It was noted that the VOC concentrations decrease downward over the 20-foot vertical distance from the shallow to the deep intervals of well MW-2. This decrease indicates that groundwater conditions are anticipated to continue improving downward. This decrease also suggests that free-phase source material that might have resulted in deep penetration into the aquifer is not present. This observation

is supported by the levels of individual VOCs detected, none of which exceeds 400 ug/l and which do not suggest the presence of free-phase source material.

For comparison, the previous groundwater monitoring results for well MW-1 are shown in Table 2. The VOC levels detected in the shallow interval of MW-2 are comparable to those detected in well MW-1 in early 2008. As the former source area has been addressed, it is anticipated that groundwater conditions will also improve at well MW-2 as was demonstrated at well MW-1.

Conclusions

Groundwater in the vicinity of well MW-2 contains several dissolved chlorinated VOCs at levels comparable to those previously observed in well MW-1 in early 2008. VOC levels decline significantly over the 20-foot range of depths sampled at MW-2, indicating that deeper groundwater conditions are anticipated to continue improving and that free-phase source material is not present. Since the former source area has been addressed, VOC levels in well MW-2 are expected to decrease over time, as was previously observed at well MW-1. This improvement is not anticipated to be simultaneous with that observed at MW-1 due to the greater distance of MW-2 from the former source area.

The installation and sampling of well MW-2 conducted in accordance with the SCDHS request has shown groundwater conditions similar to those previously observed at well MW-1. The data do not suggest the potential for deep penetration of VOCs into the aquifer. Groundwater conditions at well MW-2 are anticipated to improve with time, as they have done at well MW-1. Based on these considerations, FPM respectfully requests that no further work be required for this property.

If you have any questions, please contact us at 737-6200.

Sincerely,

John Bukoski

John S. Bukoski
Hydrogeologist

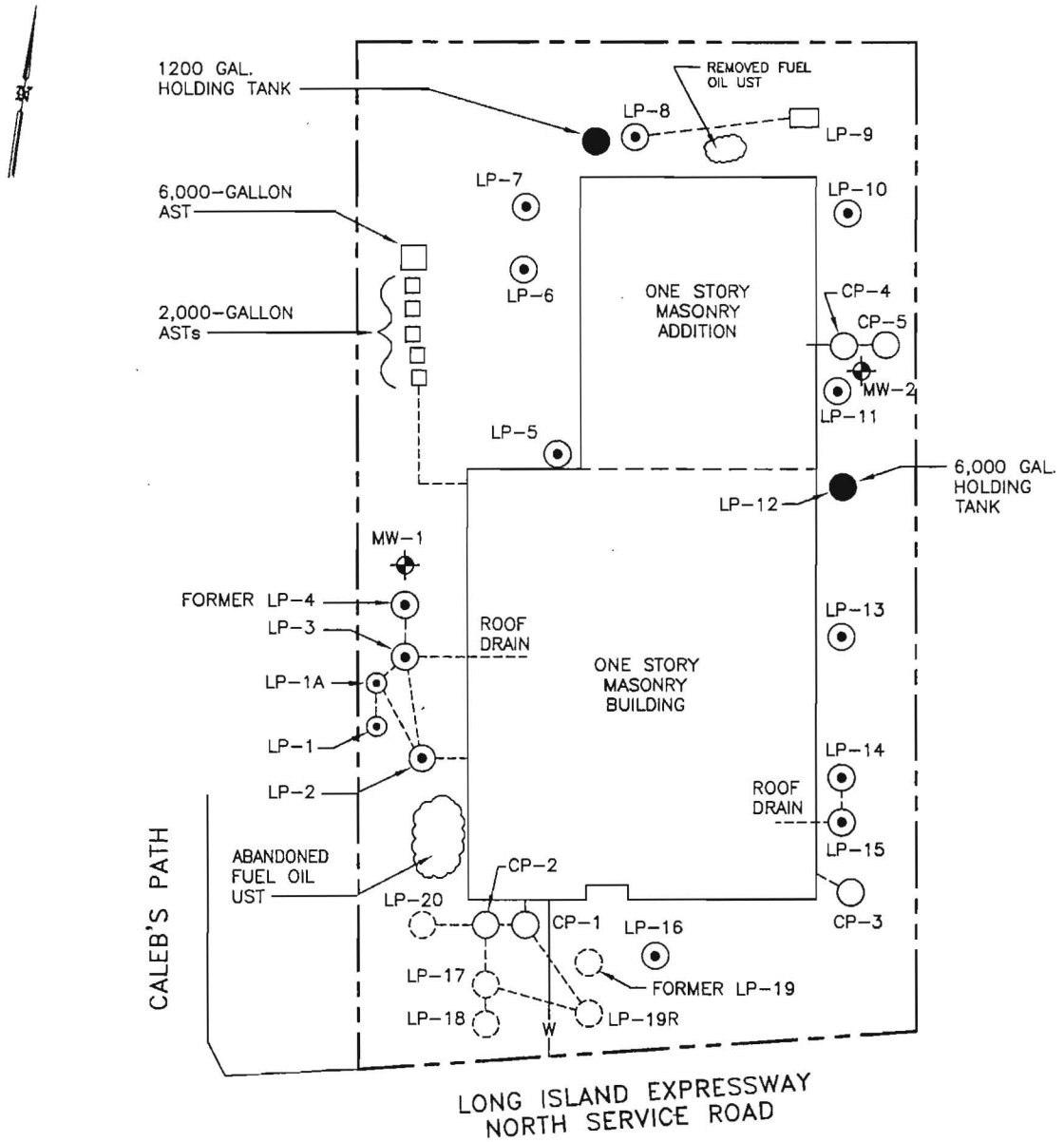
Stephanie O. Davis
Senior Hydrogeologist
Department Manager

JSB/SOD:tac
Attachments

cc: James Maggio

S:\Maggio\GW Monitoring\SCDHS June2010GW Results Ltr.Docx

FPM



LEGEND:

- = GROUNDWATER MONITORING WELL
- = CESSPOOL/SEPTIC TANK
- = SANITARY WASTE LEACHING POOL
- = STORMWATER LEACHING POOL
- = SOLID-BOTTOM CATCH BASIN
- = FORMER USTs
- —W— = WATER SERVICE CONNECTION

NOT TO SCALE

FPM GROUP

FIGURE 1
SITE PLAN
1735 EXPRESSWAY DRIVE NORTH
HAUPPAUGE, NEW YORK

Drawn By: H.C.	Checked By: J.B.	Date: 01/13/09

H:\MAGGIO\SITE PLAN 08.dwg, 7/28/2010 9:52:28 AM, Letter

TABLE 1
JUNE 2010 GROUNDWATER MONITORING RESULTS
1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location	MW-2S	MW-2I	MW-2D	NYSDEC Class GA Ambient Water Quality Standards
Depth (feet below grade)	85-87	95-97	105-107	
Sample Date	6/17/10			
Volatile Organic Compounds in µg/l				
1,1,1-Trichloroethane	72	51	19	5
1,1-Dichloroethane	7.5	5.3	1.9 J	5
cis-1,2-Dichloroethylene	190	140	48	5
trans-1,2-Dichloroethylene	1.9 J	1.4 J	2.6 J	5
Chloroform	2.5 J	1.9 J	1.3 J	5
Methylene chloride	5.0 JB	4.6 JB	4.4 JB	5
Tetrachloroethene	300	170	89	5
Trichloroethylene	380	220	110	5
Total VOCs (rounded)*	954	590	272	-

TABLE 2
HISTORICAL GROUNDWATER MONITORING RESULTS FOR WELL MW-1
1735 EXPRESS DRIVE NORTH, HAUPPAUGE, NEW YORK

Sample Location	MW-1				NYSDEC Class GA Ambient Water Quality Standards
Sample Date	1/17/08	5/9/08	10/8/08	3/19/09	
Volatile Organic Compounds in µg/l					
1,1,1-Trichloroethane	ND	170	200	29	5
1,2,4-Trimethylbenzene	ND	17	ND	ND	5
1,1-Dichloroethane	ND	ND	16	ND	5
1,2-Dichloroethylene (total)	ND	230(cis-)	6 (trans-)	110 (cis-)	5
Ethylbenzene	ND	22	ND	ND	5
Xylene (total)	ND	81	20	ND	5
Tetrachloroethene	1,100	130	150	37	5
Toluene	ND	7	ND	ND	5
Trichloroethylene	ND	210	68	10	5
Total VOCs	1,100	867	460	186	-

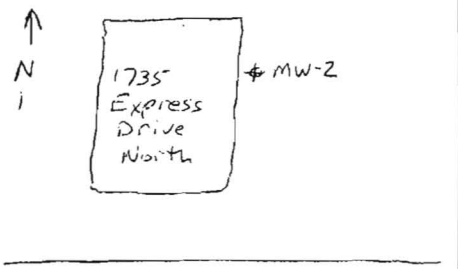
Notes:

ND = Not Detected
NYSDEC = New York State Department of Environmental Conservation
Bold and shaded values exceed NYSDEC Class GA Ambient Water Quality Standards
µg/l = micrograms per liter
* = Omits laboratory-related contamination by methylene chloride
J = Estimated value greater than the instrument detection limit and less than the reporting limit
B = Analyte was detected in an associated laboratory blank.

FPM GROUP
Ronkonkoma,NY

PROJECT NAME	Maggio Data	FPM JOB #	894-06-01		
SITE ADDRESS	1735 Express Drive North				
BORING/WELL	MW-2	TOTAL DEPTH	107'	DIAM	4.25"
TOC ELEVATION		WATER LEVEL INITIAL	82'	STATIC	82
SCREEN DIA.	1 inch	LENGTH	See construction	SLOT SIZE	#10
CASING DIA.	1 inch	LENGTH	see construction	TYPE	Sch 40
DRILLING CO.	Land, Air, Water			DRILLING METHOD	HSA
DRILLER	KM	LOG BY	JB	DATE DRILLED	6/12/10

SITE MAP



DEPTH (FT)	SAMPLE	OVA/PID (PPM)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
	NA	0.0			BENTONITE SEAL 1'-3'
10					SOIL CUTTINGS CONSISTED OF FINE TO MEDIUM GRAINED LIGHT BROWN SAND WITH TRACE GRAVEL. NO ODORS OR STAINING. WATER TABLE ESTIMATED AT 82' FBG.
20					
30					
40					SAND
50					CASING
60					
70					
80					BENTONITE 78'-83'
					WELL GRAVEL
					MW-2S Screened 85'-87'
90					BENTONITE 90'-93'
			WELL GRAVEL		MW-2I Screened 95'-97'
100					BENTONITE 100'-103'
			WELL GRAVEL		Screened 105'-107' (MW-2D)
110					
120					

WELL SAMPLING DATA FORM

Project: Maggio Data

Location: 1735 Express Drive North

Well No.: MW-25 (Screened 85-87') Well Diameter: 1-inch

Date: 6/17/10 Start Time: _____

Weather: Clear 80°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 87 Feet.

Depth to Water: 81.97 Feet.

Height of Water Column: 5.03 Feet.

Water Volume in Casing: 0.2 Gallons.

Water Volume to be Purged: 0.6 Gallons.

Water Volume Actually Purged: 1 Gallons.

Purge Method: Disposable poly tubing with check valve

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	0.3	6.71	174	58.1	190
	0.6	6.55	160	57.3	180
	1.0	6.49	164	56.9	174

Sampling and Analytical Methods: Disposable bailer / 8260 VOCs

Laboratory Name and Location: York Labs - CT

FPM

WELL SAMPLING DATA FORM

Project: Maggio Data

Location: 1735 Express Drive North

Well No.: MW-2I Well Diameter: 1-inch

Date: 6/17/10 Start Time: _____

Weather: Clear 80°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 97 Feet.

Depth to Water: 81.83 Feet.

Height of Water Column: 15.17 Feet.

Water Volume in Casing: 0.6 Gallons.

Water Volume to be Purged: 1.8 Gallons.

Water Volume Actually Purged: 2.0 Gallons.

Purge Method: Disposable poly tubing with checkvalve

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	0.75	6.89	168	57.1	171
	1.25	6.67	155	56.3	168
	2.0	6.51	158	56.4	231

Sampling and Analytical Methods: Disposable bailer / 8260 VOCs

Laboratory Name and Location: York Labs - CT

S:\Hydro Dept Forms\wellsampform.wpd

FPM

WELL SAMPLING DATA FORM

Project: Maggio Data

Location: 1735 Express Drive North

Well No.: MW-2D Well Diameter: 1-inch

Date: 6/17/10 Start Time: _____

Weather: Clear 80°F Finish Time: _____

Sampled By: JB

Depth to Bottom of Well: 107 Feet.

Depth to Water: 81.90 Feet.

Height of Water Column: 25.1 Feet.

Water Volume in Casing: 1.0 Gallons.

Water Volume to be Purged: 3.0 Gallons.

Water Volume Actually Purged: 3.0 Gallons.

Purge Method: Disposable tubing

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	1.0	6.63	180	56.9	140
	2.0	6.59	170	56.3	267
	3.0	6.39	165	56.0	341

Sampling and Analytical Methods: Disposable bailer / 8260 VOCs

Laboratory Name and Location: York Labs - CT

S:\Hydro Dept Forms\wellsampform.wpd

FPM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

FPM Group
909 Marconi Avenue
Ronkonkoma NY, 11779
Attention: John Bukoski

Report Date: 07/07/2010
Client Project ID: 1735 Express Drive
York Project (SDG) No.: 10F0901

CT License No. PH-0723 | New Jersey License No. CT-005 | ACCREDITED IN ACCORDANCE WITH nelac | New York License No. 10854 | PA Reg. 68-04440

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

Report Date: 07/07/2010
Client Project ID: 1735 Express Drive
York Project (SDG) No.: 10F0901

FPM Group
909 Marconi Avenue
Ronkonkoma NY, 11779
Attention: John Bukoski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 24, 2010 and listed below. The project was identified as your project: **1735 Express Drive.**

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10F0901-01	MW-2 S	Water	06/18/2010	06/24/2010
10F0901-02	MW-2 I	Water	06/18/2010	06/24/2010
10F0901-03	MW-2 D	Water	06/18/2010	06/24/2010

General Notes for York Project (SDG) No.: 10F0901

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

Robert Q. Bradley
Managing Director

Date: 07/07/2010

YORK

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: MW-2 S

York Sample ID: 10F0901-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3:00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
71-55-6	**1,1,1-Trichloroethane**	**72**		ug/L	0.95	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-34-3	**1,1-Dichloroethane**	**7.5**		ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
67-66-3	**Chloroform**	**2.5**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS

Sample Information

Client Sample ID: MW-2 S **York Sample ID:** 10F0901-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3.00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
156-59-2	**cis-1,2-Dichloroethylene**	**190**		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-09-2	**Methylene chloride**	**5.0**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
91-20-3	Naphthalene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
127-18-4	**Tetrachloroethylene**	**300**		ug/L	2.6	25	5	EPA SW846-8260B	06/30/2010 22:53	07/01/2010 19:10	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
156-60-5	**trans-1,2-Dichloroethylene**	**1.9**	J	ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
79-01-6	**Trichloroethylene**	**380**		ug/L	2.8	25	5	EPA SW846-8260B	06/30/2010 22:53	07/01/2010 19:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/30/2010 22:53	06/30/2010 22:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*70-130*

Sample Information

Client Sample ID: MW-2 1 **York Sample ID:** 10F0901-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3:00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
71-55-6	**1,1,1-Trichloroethane**	**51**		ug/L	0.95	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-34-3	**1,1-Dichloroethane**	**5.3**		ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
67-66-3	Chloroform	1.9	J	ug/L	0.36	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS

Sample Information

Client Sample ID: MW-2 I

York Sample ID: 10F0901-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3:00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
156-59-2	**cis-1,2-Dichloroethylene**	**140**		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-09-2	**Methylene chloride**	**4.6**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
91-20-3	Naphthalene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
127-18-4	**Tetrachloroethylene**	**170**		ug/L	1.0	10	2	EPA SW846-8260B	06/30/2010 23:38	07/01/2010 19:55	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
156-60-5	**trans-1,2-Dichloroethylene**	**1.4**	J	ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
79-01-6	**Trichloroethylene**	**220**		ug/L	1.1	10	2	EPA SW846-8260B	06/30/2010 23:38	07/01/2010 19:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/30/2010 23:38	06/30/2010 23:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*70-130*

Sample Information

Client Sample ID: MW-2 D

York Sample ID: 10F0901-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3:00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
71-55-6	**1,1,1-Trichloroethane**	**19**		ug/L	0.95	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.57	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.60	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-34-3	**1,1-Dichloroethane**	**1.9**	J	ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.1	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.53	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.22	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.37	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.69	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.49	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
71-43-2	Benzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.61	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
74-97-5	Bromochloromethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.62	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
74-83-9	Bromomethane	ND		ug/L	1.2	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-00-3	Chloroethane	ND		ug/L	0.76	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
67-66-3	**Chloroform**	**1.3**	J	ug/L	0.36	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS

Sample Information

Client Sample ID: MW-2 D

York Sample ID: 10F0901-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10F0901	1735 Express Drive	Water	June 18, 2010 3:00 pm	06/24/2010

Volatile Organics, 8260 List

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.89	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
156-59-2	**cis-1,2-Dichloroethylene**	**48**		ug/L	0.96	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.67	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
74-95-3	Dibromomethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.83	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.35	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.39	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.38	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-09-2	**Methylene chloride**	**4.4**	J, B	ug/L	1.1	10	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
91-20-3	Naphthalene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.32	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.58	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.55	10	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.46	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
127-18-4	**Tetrachloroethylene**	**89**		ug/L	0.52	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
108-88-3	Toluene	ND		ug/L	0.23	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
156-60-5	**trans-1,2-Dichloroethylene**	**2.6**	J	ug/L	0.65	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.68	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
79-01-6	**Trichloroethylene**	**110**		ug/L	0.57	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.91	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.97	5.0	1	EPA SW846-8260B	06/30/2010 12:15	07/01/2010 00:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BF01210 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
10F0901-03	MW-2 D	06/30/10
BF01210-BLK1	Blank	06/30/10
BF01210-BS1	LCS	06/30/10
BF01210-BSD1	LCS Dup	06/30/10

Batch ID: BG00040 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
10F0901-01	MW-2 S	06/30/10
10F0901-02	MW-2 I	06/30/10
BG00040-BLK1	Blank	07/01/10
BG00040-BS1	LCS	07/01/10
BG00040-BSD1	LCS Dup	07/01/10

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF01210 - EPA 5030B											
Blank (BF01210-BLK1)						Prepared & Analyzed: 06/30/2010					
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	8.4	10	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF01210 - EPA 5030B											
Blank (BF01210-BLK1)						Prepared & Analyzed: 06/30/2010					
tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.4*		"	*50.0*		*105*	*70-130*				
Surrogate: p-Bromofluorobenzene	*52.4*		"	*50.0*		*105*	*70-130*				
Surrogate: Toluene-d8	*49.9*		"	*50.0*		*99.9*	*70-130*				
LCS (BF01210-BS1)						Prepared & Analyzed: 06/30/2010					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		113	70-130				
1,1,1-Trichloroethane	54		"	50.0		109	70-130				
1,1,2,2-Tetrachloroethane	52		"	50.0		105	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	70-130				
1,1,2-Trichloroethane	51		"	50.0		102	70-130				
1,1-Dichloroethane	53		"	50.0		106	70-130				
1,1-Dichloroethylene	60		"	50.0		119	70-130				
1,1-Dichloropropylene	54		"	50.0		108	70-130				
1,2,3-Trichlorobenzene	54		"	50.0		109	70-130				
1,2,3-Trichloropropane	52		"	50.0		103	70-130				
1,2,4-Trichlorobenzene	55		"	50.0		110	70-130				
1,2,4-Trimethylbenzene	59		"	50.0		117	70-130				
1,2-Dibromo-3-chloropropane	55		"	50.0		109	70-130				
1,2-Dibromoethane	53		"	50.0		105	70-130				
1,2-Dichlorobenzene	52		"	50.0		104	70-130				
1,2-Dichloroethane	52		"	50.0		103	70-130				
1,2-Dichloropropane	53		"	50.0		106	70-130				
1,3,5-Trimethylbenzene	56		"	50.0		111	70-130				
1,3-Dichlorobenzene	54		"	50.0		109	70-130				
1,3-Dichloropropane	53		"	50.0		105	70-130				
1,4-Dichlorobenzene	54		"	50.0		109	70-130				
2,2-Dichloropropane	52		"	50.0		104	70-130				
2-Chlorotoluene	51		"	50.0		103	70-130				
4-Chlorotoluene	54		"	50.0		109	70-130				
Benzene	52		"	50.0		105	70-130				
Bromobenzene	53		"	50.0		105	70-130				
Bromochloromethane	53		"	50.0		106	70-130				
Bromodichloromethane	53		"	50.0		105	70-130				
Bromoform	52		"	50.0		105	70-130				
Bromomethane	53		"	50.0		105	70-130				
Carbon tetrachloride	55		"	50.0		111	70-130				
Chlorobenzene	54		"	50.0		108	70-130				
Chloroethane	56		"	50.0		112	70-130				
Chloroform	53		"	50.0		105	70-130				
Chloromethane	53		"	50.0		106	70-130				
cis-1,2-Dichloroethylene	51		"	50.0		103	70-130				
cis-1,3-Dichloropropylene	52		"	50.0		105	70-130				
Dibromochloromethane	53		"	50.0		105	70-130				
Dibromomethane	54		"	50.0		107	70-130				
Dichlorodifluoromethane	52		"	50.0		103	70-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF01210 - EPA 5030B											
LCS (BF01210-BS1)						Prepared & Analyzed: 06/30/2010					
Ethyl Benzene	56		ug/L	50.0		112	70-130				
Hexachlorobutadiene	54		"	50.0		108	70-130				
Isopropylbenzene	58		"	50.0		116	70-130				
Methyl tert-butyl ether (MTBE)	52		"	50.0		105	70-130				
Methylene chloride	45		"	50.0		89.3	70-130				
Naphthalene	54		"	50.0		108	70-130				
n-Butylbenzene	53		"	50.0		107	70-130				
n-Propylbenzene	55		"	50.0		111	70-130				
o-Xylene	52		"	50.0		104	70-130				
p- & m- Xylenes	110		"	100		110	70-130				
p-Isopropyltoluene	57		"	50.0		114	70-130				
sec-Butylbenzene	55		"	50.0		109	70-130				
Styrene	53		"	50.0		107	70-130				
tert-Butylbenzene	64		"	50.0		128	70-130				
Tetrachloroethylene	55		"	50.0		111	70-130				
Toluene	52		"	50.0		104	70-130				
trans-1,2-Dichloroethylene	54		"	50.0		108	70-130				
trans-1,3-Dichloropropylene	53		"	50.0		105	70-130				
Trichloroethylene	54		"	50.0		108	70-130				
Trichlorofluoromethane	49		"	50.0		98.1	70-130				
Vinyl Chloride	53		"	50.0		106	70-130				
Surrogate: 1,2-Dichloroethane-d4	*50.2*		"	*50.0*		*100*	*70-130*				
Surrogate: p-Bromofluorobenzene	*51.0*		"	*50.0*		*102*	*70-130*				
Surrogate: Toluene-d8	*50.3*		"	*50.0*		*101*	*70-130*				
LCS Dup (BF01210-BSD1)						Prepared & Analyzed: 06/30/2010					
1,1,1,2-Tetrachloroethane	56		ug/L	50.0		112	70-130		0.517	30	
1,1,1-Trichloroethane	54		"	50.0		108	70-130		0.516	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		107	70-130		2.19	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		105	70-130		1.70	30	
1,1,2-Trichloroethane	51		"	50.0		101	70-130		0.728	30	
1,1-Dichloroethane	53		"	50.0		107	70-130		0.902	30	
1,1-Dichloroethylene	60		"	50.0		119	70-130		0.0167	30	
1,1-Dichloropropylene	53		"	50.0		106	70-130		1 33	30	
1,2,3-Trichlorobenzene	54		"	50.0		109	70-130		0 0734	30	
1,2,3-Trichloropropane	53		"	50.0		106	70-130		2.24	30	
1,2,4-Trichlorobenzene	56		"	50.0		112	70-130		1.86	30	
1,2,4-Trimethylbenzene	57		"	50.0		115	70-130		2.00	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		110	70-130		0.512	30	
1,2-Dibromoethane	52		"	50.0		105	70-130		0.190	30	
1,2-Dichlorobenzene	52		"	50.0		104	70-130		0 403	30	
1,2-Dichloroethane	52		"	50.0		105	70-130		1.50	30	
1,2-Dichloropropane	52		"	50.0		105	70-130		1.52	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	70-130		2.34	30	
1,3-Dichlorobenzene	54		"	50.0		108	70-130		0.833	30	
1,3-Dichloropropane	53		"	50.0		106	70-130		0.758	30	
1,4-Dichlorobenzene	54		"	50.0		108	70-130		0 978	30	
2,2-Dichloropropane	51		"	50.0		103	70-130		1.05	30	
2-Chlorotoluene	51		"	50.0		101	70-130		1.55	30	
4-Chlorotoluene	54		"	50.0		108	70-130		1.02	30	
Benzene	53		"	50.0		106	70-130		1.04	30	
Bromobenzene	51		"	50.0		103	70-130		2.73	30	
Bromochloromethane	53		"	50.0		106	70-130		0.414	30	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF01210 - EPA 5030B											
LCS Dup (BF01210-BSD1)						Prepared & Analyzed: 06/30/2010					
Bromodichloromethane	54		ug/L	50.0		107	70-130		1.90	30	
Bromoform	53		"	50.0		106	70-130		0.759	30	
Bromomethane	53		"	50.0		107	70-130		1.43	30	
Carbon tetrachloride	55		"	50.0		110	70-130		0.488	30	
Chlorobenzene	54		"	50.0		108	70-130		0.704	30	
Chloroethane	56		"	50.0		113	70-130		0.462	30	
Chloroform	53		"	50.0		105	70-130		0.0571	30	
Chloromethane	53		"	50.0		107	70-130		1.17	30	
cis-1,2-Dichloroethylene	52		"	50.0		104	70-130		1.49	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	70-130		0.556	30	
Dibromochloromethane	53		"	50.0		105	70-130		0.285	30	
Dibromomethane	53		"	50.0		107	70-130		0.635	30	
Dichlorodifluoromethane	51		"	50.0		101	70-130		1.87	30	
Ethyl Benzene	55		"	50.0		111	70-130		1.15	30	
Hexachlorobutadiene	53		"	50.0		106	70-130		1.66	30	
Isopropylbenzene	57		"	50.0		113	70-130		2.66	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	70-130		0.949	30	
Methylene chloride	46		"	50.0		92.8	70-130		3.85	30	
Naphthalene	55		"	50.0		109	70-130		0.921	30	
n-Butylbenzene	52		"	50.0		104	70-130		2.46	30	
n-Propylbenzene	54		"	50.0		108	70-130		2.12	30	
o-Xylene	52		"	50.0		103	70-130		0.791	30	
p- & m- Xylenes	110		"	100		109	70-130		1.38	30	
p-Isopropyltoluene	55		"	50.0		110	70-130		3.07	30	
sec-Butylbenzene	54		"	50.0		107	70-130		1.57	30	
Styrene	53		"	50.0		105	70-130		1.23	30	
tert-Butylbenzene	63		"	50.0		127	70-130		0.834	30	
Tetrachloroethylene	54		"	50.0		109	70-130		1.72	30	
Toluene	51		"	50.0		103	70-130		0.717	30	
trans-1,2-Dichloroethylene	55		"	50.0		110	70-130		1.61	30	
trans-1,3-Dichloropropylene	53		"	50.0		105	70-130		0.0760	30	
Trichloroethylene	54		"	50.0		108	70-130		0.499	30	
Trichlorofluoromethane	50		"	50.0		99.1	70-130		1.03	30	
Vinyl Chloride	53		"	50.0		107	70-130		0.808	30	
Surrogate: 1,2-Dichloroethane-d4	*50.0*		"	*50.0*		*100*	*70-130*				
Surrogate: p-Bromofluorobenzene	*50.5*		"	*50.0*		*101*	*70-130*				
Surrogate: Toluene-d8	*49.8*		"	*50.0*		*99.7*	*70-130*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00040 - EPA 5030B											
Blank (BG00040-BLK1)							Prepared & Analyzed: 07/01/2010				
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	5.5	10	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00040 - EPA 5030B											
Blank (BG00040-BLK1)						Prepared & Analyzed: 07/01/2010					
tert-Butylbenzene	ND	5.0	ug/L								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*53.5*		"	*50.0*		*107*	*70-130*				
Surrogate: p-Bromofluorobenzene	*53.0*		"	*50.0*		*106*	*70-130*				
Surrogate: Toluene-d8	*50.2*		"	*50.0*		*100*	*70-130*				
LCS (BG00040-BS1)						Prepared & Analyzed: 07/01/2010					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		105	70-130				
1,1,1-Trichloroethane	50		"	50.0		101	70-130				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.2	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.5	70-130				
1,1,2-Trichloroethane	49		"	50.0		97.1	70-130				
1,1-Dichloroethane	50		"	50.0		99.1	70-130				
1,1-Dichloroethylene	55		"	50.0		111	70-130				
1,1-Dichloropropylene	49		"	50.0		97.9	70-130				
1,2,3-Trichlorobenzene	51		"	50.0		102	70-130				
1,2,3-Trichloropropane	50		"	50.0		99.5	70-130				
1,2,4-Trichlorobenzene	51		"	50.0		103	70-130				
1,2,4-Trimethylbenzene	52		"	50.0		104	70-130				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	70-130				
1,2-Dibromoethane	52		"	50.0		103	70-130				
1,2-Dichlorobenzene	47		"	50.0		94.9	70-130				
1,2-Dichloroethane	50		"	50.0		99.0	70-130				
1,2-Dichloropropane	50		"	50.0		100	70-130				
1,3,5-Trimethylbenzene	49		"	50.0		97.6	70-130				
1,3-Dichlorobenzene	49		"	50.0		97.3	70-130				
1,3-Dichloropropane	51		"	50.0		102	70-130				
1,4-Dichlorobenzene	49		"	50.0		98.2	70-130				
2,2-Dichloropropane	48		"	50.0		96.7	70-130				
2-Chlorotoluene	45		"	50.0		90.4	70-130				
4-Chlorotoluene	49		"	50.0		97.0	70-130				
Benzene	49		"	50.0		98.0	70-130				
Bromobenzene	47		"	50.0		93.4	70-130				
Bromochloromethane	50		"	50.0		99.1	70-130				
Bromodichloromethane	49		"	50.0		98.7	70-130				
Bromoform	48		"	50.0		95.3	70-130				
Bromomethane	48		"	50.0		95.4	70-130				
Carbon tetrachloride	51		"	50.0		101	70-130				
Chlorobenzene	51		"	50.0		101	70-130				
Chloroethane	49		"	50.0		98.2	70-130				
Chloroform	49		"	50.0		98.8	70-130				
Chloromethane	50		"	50.0		99.7	70-130				
cis-1,2-Dichloroethylene	48		"	50.0		96.1	70-130				
cis-1,3-Dichloropropylene	49		"	50.0		98.3	70-130				
Dibromochloromethane	50		"	50.0		99.2	70-130				
Dibromomethane	51		"	50.0		102	70-130				
Dichlorodifluoromethane	53		"	50.0		107	70-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00040 - EPA 5030B											
LCS (BG00040-BS1)						Prepared & Analyzed: 07/01/2010					
Ethyl Benzene	52		ug/L	50.0		104	70-130				
Hexachlorobutadiene	49		"	50.0		97.6	70-130				
Isopropylbenzene	51		"	50.0		102	70-130				
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	70-130				
Methylene chloride	41		"	50.0		82.3	70-130				
Naphthalene	53		"	50.0		105	70-130				
n-Butylbenzene	46		"	50.0		92.6	70-130				
n-Propylbenzene	49		"	50.0		97.3	70-130				
o-Xylene	49		"	50.0		97.9	70-130				
p- & m- Xylenes	100		"	100		103	70-130				
p-Isopropyltoluene	50		"	50.0		99.3	70-130				
sec-Butylbenzene	48		"	50.0		95.0	70-130				
Styrene	50		"	50.0		99.7	70-130				
tert-Butylbenzene	57		"	50.0		114	70-130				
Tetrachloroethylene	51		"	50.0		101	70-130				
Toluene	48		"	50.0		96.3	70-130				
trans-1,2-Dichloroethylene	50		"	50.0		101	70-130				
trans-1,3-Dichloropropylene	51		"	50.0		102	70-130				
Trichloroethylene	50		"	50.0		101	70-130				
Trichlorofluoromethane	44		"	50.0		87.6	70-130				
Vinyl Chloride	48		"	50.0		96.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	*50.9*		"	*50.0*		*102*	*70-130*				
Surrogate: p-Bromofluorobenzene	*49.0*		"	*50.0*		*97.9*	*70-130*				
Surrogate: Toluene-d8	*50.3*		"	*50.0*		*101*	*70-130*				
LCS Dup (BG00040-BSD1)						Prepared & Analyzed: 07/01/2010					
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	70-130		5.01	30	
1,1,1-Trichloroethane	54		"	50.0		109	70-130		7.63	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	70-130		2.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	70-130		5.45	30	
1,1,2-Trichloroethane	50		"	50.0		99.8	70-130		2.72	30	
1,1-Dichloroethane	52		"	50.0		105	70-130		5.61	30	
1,1-Dichloroethylene	60		"	50.0		120	70-130		8.14	30	
1,1-Dichloropropylene	53		"	50.0		106	70-130		8.04	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	70-130		0.117	30	
1,2,3-Trichloropropane	50		"	50.0		101	70-130		1.34	30	
1,2,4-Trichlorobenzene	52		"	50.0		105	70-130		1.80	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	70-130		5.96	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		105	70-130		0.643	30	
1,2-Dibromoethane	52		"	50.0		105	70-130		1.67	30	
1,2-Dichlorobenzene	50		"	50.0		100	70-130		5.47	30	
1,2-Dichloroethane	52		"	50.0		104	70-130		5.06	30	
1,2-Dichloropropane	52		"	50.0		104	70-130		4.06	30	
1,3,5-Trimethylbenzene	52		"	50.0		105	70-130		7.27	30	
1,3-Dichlorobenzene	51		"	50.0		103	70-130		5.36	30	
1,3-Dichloropropane	52		"	50.0		104	70-130		1.98	30	
1,4-Dichlorobenzene	51		"	50.0		103	70-130		4.46	30	
2,2-Dichloropropane	51		"	50.0		103	70-130		6.29	30	
2-Chlorotoluene	48		"	50.0		96.1	70-130		6.05	30	
4-Chlorotoluene	51		"	50.0		103	70-130		5.73	30	
Benzene	53		"	50.0		105	70-130		6.95	30	
Bromobenzene	49		"	50.0		98.8	70-130		5.56	30	
Bromochloromethane	51		"	50.0		103	70-130		3.67	30	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG00040 - EPA 5030B											
LCS Dup (BG00040-BSD1)					Prepared & Analyzed: 07/01/2010						
Bromodichloromethane	53		ug/L	50.0		105	70-130		6.42	30	
Bromoform	49		"	50.0		97.1	70-130		1.83	30	
Bromomethane	52		"	50.0		104	70-130		8.80	30	
Carbon tetrachloride	55		"	50.0		110	70-130		8.09	30	
Chlorobenzene	53		"	50.0		106	70-130		4.67	30	
Chloroethane	54		"	50.0		107	70-130		8.73	30	
Chloroform	52		"	50.0		104	70-130		5.20	30	
Chloromethane	54		"	50.0		108	70-130		8.19	30	
cis-1,2-Dichloroethylene	51		"	50.0		102	70-130		5.62	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	70-130		4.14	30	
Dibromochloromethane	52		"	50.0		103	70-130		4.17	30	
Dibromomethane	52		"	50.0		104	70-130		2.29	30	
Dichlorodifluoromethane	58		"	50.0		116	70-130		8.56	30	
Ethyl Benzene	55		"	50.0		110	70-130		5.56	30	
Hexachlorobutadiene	52		"	50.0		104	70-130		5.98	30	
Isopropylbenzene	54		"	50.0		109	70-130		6.54	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	70-130		0.942	30	
Methylene chloride	43		"	50.0		86.2	70-130		4.63	30	
Naphthalene	52		"	50.0		104	70-130		1.28	30	
n-Butylbenzene	49		"	50.0		98.8	70-130		6.42	30	
n-Propylbenzene	52		"	50.0		104	70-130		6.22	30	
o-Xylene	51		"	50.0		103	70-130		4.69	30	
p- & m- Xylenes	110		"	100		110	70-130		5.95	30	
p-Isopropyltoluene	54		"	50.0		107	70-130		7.90	30	
sec-Butylbenzene	51		"	50.0		103	70-130		7.85	30	
Styrene	52		"	50.0		105	70-130		5.04	30	
tert-Butylbenzene	59		"	50.0		118	70-130		2.93	30	
Tetrachloroethylene	56		"	50.0		112	70-130		9.98	30	
Toluene	51		"	50.0		102	70-130		5.71	30	
trans-1,2-Dichloroethylene	54		"	50.0		107	70-130		6.58	30	
trans-1,3-Dichloropropylene	53		"	50.0		106	70-130		3.74	30	
Trichloroethylene	53		"	50.0		107	70-130		5.72	30	
Trichlorofluoromethane	48		"	50.0		95.2	70-130		8.33	30	
Vinyl Chloride	52		"	50.0		104	70-130		7.62	30	
Surrogate: 1,2-Dichloroethane-d4	*50.6*		"	*50.0*		*101*	*70-130*				
Surrogate: p-Bromofluorobenzene	*49.0*		"	*50.0*		*97.9*	*70-130*				
Surrogate: Toluene-d8	*50.3*		"	*50.0*		*101*	*70-130*				

YORK

ANALYTICAL LABORATORIES, INC.

Notes and Definitions

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

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

Corrective Action:

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

YORK
ANALYTICAL LABORATORIES, INC.

120 Research Dr. Stratford, CT 06615
(203) 325-1371 Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10F0901

Client Information	Report To:	Invoice To:
Company: FPM	Company: same	Company: same
Address: 909 Marconi Ave Ronkonkoma, NY	Address:	Address:
Phone No. 631-737-6200	Phone No.	Phone No.
Contact Person: John Bukoski	Attention:	Attention:
E-Mail Address: bukoskij@fpmgroup.com	E-Mail Address:	E-Mail Address:

Client Project ID: 1735 Express Drive
~~894-06-01~~

Purchase Order No.: 894-06-01

Turn-Around Time: 24 hr ____ 48 hr ____ 72 hr ____ 5 Day ____ Standard X

Report Type/Deliverbles: Summary Results Only X QA/QC Summary ____ RCP Package ____ ASP B Pkg ____ ASP A Pkg ____ Excel format ____ EDD ____ OTHER ____

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.

John S Bukoski
Samples Collected/Authorized By (Signature)

John S. Bukoski
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Detection Frequency	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Supplemental Full Cat.	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-2S	6/18/10	GW	8260 VOCs	(2) 40ml HCl
MW-2I	6/18/10	GW	↓	↓
MW-2D	6/18/10	GW		

Comments

Preservation Check those Applicable: 4°C ____ Frozen ____ HCl ____ MeOH ____ 4°C ____ 4°C ____ HNO_3 ____ 4°C ____ H_2SO_4 ____ 4°C ____ Other ____ 4°C ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic ____ Other ____

John S Bukoski 6/22/10 1200
Samples Relinquished By Date/Time

Samples Relinquished By Date/Time

Samples Received By Grace 6/24/10 0920
Samples Received in LAB by Date/Time

Temperature on Receipt 5.0 °C