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PROJECT STATUS MEMORANDUM NO. 12-11

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
Tunde H. Komuves-Sandor

DATE: January 27, 2012

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
December 2011 Status Report
Sag Harbor, New York

LBG Engineering Services, P.C. (LBG) commenced operation of the Full-Scale Pump and Treat (FSP&T) groundwater remediation system at the above-referenced site on December 17, 2002. Starting in September 2008, the groundwater recovered by the Focus Pump and Treat (FP&T) system was routed to the FSP&T system for treatment. This status report presents a summary of performance, operation and maintenance for both systems and monitoring activities for the site from December 1, 2011 through December 31, 2011. The report includes a summary of system performance parameters, system operation parameters, and analytical results for groundwater, system effluent samples, and air quality results.

SUMMARY OF SYSTEM PERFORMANCE AND OPERATION

(December 1, 2011 through December 31, 2011)

1. Hours of operation during the reporting period:	652 hours (87.8%)
2. Alarm conditions during the reporting period:	See Table 1
3. Was the SPDES VOC discharge permit criteria achieved:	yes, (see Table 2)
4. Total volume of water pumped during the reporting period:	16,498,905 gal.*
5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:	yes, (see Graph 1)
6. Mass of VOCs recovered during the reporting period:	0.43 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	222.7 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.62 mg/m^3 (see Table 3)
9. Was the effluent VOC vapor emission rate below 0.022 lbs/hr.: (calculations can be provided upon request)	yes (0.00611 lbs/hr)

*Values represent both FSP&T system recovery wells and the FP&T system recovery wells.

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the reporting period. Table 4 presents a summary of the quality results for water samples collected from recovery wells. Graph 2 presents PCE concentrations for each recovery well. For wells with water quality that meets or is approaching remedial criteria, Graph 3 presents PCE concentrations at an expanded scale in order to compare them to the PCE aquifer restoration concentration of 5 ug/L. Laboratory analytical reports are included as Appendix I.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm)[1/]	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	1,145,068	27	13	2.0	0.02
RW-3	1,145,113	30	10	1.4	0.01
RW-4	1,145,586	36	10	7.5	0.07
RW-5	2,289,718	50	50	2.4	0.05
RW-6	572,217	15	15	8.1	0.04
RW-7	2,778,336	70	69	3.3	0.08
RW-8	2,288,981	50	41	0	0
RW-9	2,401,666	65	16	0	0

[1/] Lowest measured flows are based on the lowest average 24-hour pumping rates for each well recorded to date.

Based on the results from the 2007 groundwater model for the site, the plume is not migrating beyond the influence of the FSP&T system if the recovery well pumps operate at or above the "Lowest Measured Flows". All recovery wells were operating at or above their lowest measured flow during the month of December.

Over the last several months, the average flow from recovery wells 4 and 9 (RW-4 and RW-9) has been slowly decreasing. In order to restore the flow rates, maintenance was completed on these wells on December 19 and 20th. The maintenance included: removing, cleaning, inspecting, repairing or replacing the pumps as necessary; cleaning the riser pipe and 1-inch diameter measuring tube; jet washing the well head and vault piping; and cleaning, inspecting, repairing or replacing flow meter parts as necessary. The average pumping rates in RW-4 and RW-9 prior to the maintenance event were 33 gpm and 65 gpm, respectively. The pumping rates following the maintenance event were 40 gpm and 75 gpm, respectively. Following maintenance the RW-9 flow meter was not functioning properly. The flow was measured using the FSP&T system influent flow meter and the necessary parts for flow meter repairs were ordered. A significant amount of iron bacteria encrustation was observed at both pump intakes.

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, heavy iron bacteria accumulation was observed in the FRW-1, 2, 3 and effluent flow meters. The FRW-1 flow meter was cleaned four times, the FRW-2 flow meter was cleaned three times, and the FRW-3, 4 and effluent flow meters were cleaned once during the month of December.

The following table summarizes the parameters for the FRWs for the reporting period of November 28, 2011 through December 27, 2011. Tables 5 through 8 present a summary of the quality results for water samples collected from the FRWs. Graphs 4 through 7 present VOC concentrations for each FRW. Laboratory analytical reports are included in Appendix II.

Well	Volume Pumped (gal)	VOC Concentration (µg/L)	VOC Recovery (lbs)
FRW-1	37,674	90.1	0.03
FRW-2	13,299	48.2	0.01
FRW-3	10,524	83.2	0.01
FRW-4	254,914	43.5	0.09
Total	356,853 [1/]	--	--

[1/] Routed to equalization tank in FSP&T system, for treatment.

Quarterly maintenance was completed for focus recovery wells FRW-1, 2, 3 and 4 as well as the FP&T system. The maintenance included: removing, cleaning, inspecting, repairing or replacing the pumps as necessary (the pump in FRW-4 was replaced); surging each well screen with a surge block and brush combination for a minimum of half an hour; jetwashing the well screen and evacuating loosened sediment from the wells. A down hole video inspection was completed between each cleaning step in an effort to determine which method is most effective method of redevelopment. Tap water was circulated through the below-grade piping between the recovery wells and the FP&T system in order to flush sediments and iron bacteria from the below-grade piping. Iron bacteria encrustation was cleaned from the below- grade piping connecting the FP&T and FSP&T systems.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in December 2011 included:

- on December 19, shut down RW-4 and RW-9 for maintenance;
- on December 20, restarted RW-4 and RW-9 following the maintenance activities, observed that the RW-9 flow meter was not displaying the correct flow, the flow was manually measured, and parts were ordered for the necessary flow meter repairs. Cleaned the below-grade piping between the FP&T system and FSP&T system buildings;
- on December 21, completed quarterly maintenance on the FRW wells and the FP&T system components; and
- on December 27, upon arrival to the site FRW-3 was off, troubleshooting indicated that the pump needs replacing; the replacement is scheduled for January 2012.

Future O&M activities scheduled for the winter of 2012 include:

- normal weekly/monthly O&M activities;
- troubleshoot transfer tank pH meter;
- repair the RW-9 flow meter; and
- replace the malfunctioning FRW-3 pump.

MMG:nv
Attachments
cc: Ken W. Wengert - Kraft Foods Global, Inc. - .pdf
Lisa Krogman, Environ – .pdf
Jeff Trad, NYSDEC – .pdf
Chief-Operation Maintenance and Support Section, NYSDEC – .pdf
William Spitz, RWM, R-1, NYSDEC
Tiffany Scarloto, Town of Southampton Attorney - .pdf
H:\NABIS\2011\Monthly reports\December 2011\Status1211Dec.docx

TABLES

TABLE 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MAINTENANCE LOG
(December 1, 2011 through December 31, 2011)

Date	Time	System Changes/Modifications	Personnel
12/5/2011	12:38 PM	FSP&T and FP&T systems shut down due to a power failure.	
12/6/2011		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
	10:20 AM	Rebooted the FSP&T system computer and restarted the FSP&T system.	SH
		Cleaned iron buildup and bacterial growth off of the FRW-1 flow meter paddle wheels.	SH
	11:10 AM	Restarted the FP&T system.	SH
12/13/2011		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
		Reset the Excel data logging program for the FSP&T system computer, which appeared to have stopped operating.	SH
		Marked out the location of the below-grade piping in the vicinity of RW-9 per a Dig Safe NY request.	SH
		FRW-1 flow meter not registering a reading, cleaned iron buildup off of the FRW-1 and 2 flow meter paddle wheels, flow meter functioning properly following the cleaning.	SH
12/19/2011	9:20 AM	Shut down RW-9 for well maintenance event.	SH
	10:20 AM	Shut down RW-4 for well maintenance event.	SH
		Removed the pumps from RW-4 and 9. Cleaned and inspected and reassembled the pumps, jet washed the well head and vault piping and cleaned the flow meters for both wells..	SH/Alpine
	12:40 PM	FSP&T and FP&T systems shut down due to a power failure alarm.	
	1:08 PM	Rebooted the FSP&T system computer and restarted the FSP&T system.	SH/Alpine
12/20/2011	10:30 AM	Reinstalled the RW-4 pump and restarted the well, the RW-4 disconnect switch is malfunctioning and will need to be replaced.	SH/Alpine
	12:30 PM	Reinstalled the RW-9 pump and restarted the well, flow meter not displaying correct flow, ordered parts for repair.	SH/Alpine
		Cleaned the below-grade piping between the FP&T and FSP&T systems.	SH/Alpine
		Renner Landscaping extended the MW46 monitor well cluster riser piping as part of the construction work in the Sag Harbor Industries parking lot.	Renner Landscaping
12/21/2011	7:30 AM	Shut down FP&T system for maintenance.	SH/Alpine
		Removed pumps from FRW-1, 2, 3 and 4; completed quarterly well rehabilitation.	SH/Alpine
	2:00 PM	Reassembled wells, restarted the FP&T system.	SH/Alpine
		Cleaned iron buildup and bacterial growth off of the FRW-1, 2, 3, 4 and effluent flow meter paddle wheels.	SH
		Changed the FSP&T system multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
12/27/2011		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
		FRW-3 off on arrival to site, troubleshooting indicated a malfunctioning pump, replacement will be scheduled.	SH
		Cleaned iron buildup and bacterial growth off of the FRW-1 and 2 flow meter paddle wheels.	SH
12/29/2011	5:08 AM	FSP&T and FP&T systems shut down due to booster blower low pressure and power failure.	

TABLE 2

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Water Quality Results

Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
6-Dec-11	5.4	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<2	ND<0.5	6.66	0.118
13-Dec-11	5.3	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	1.1 J,B	ND<0.5	2.17	0.034
20-Dec-11	5.3	88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.19 J,B	ND<0.5	ND<2	ND<0.5	3.78	0.039
27-Dec-11	5.3	135	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	0.29 J,B	ND<0.5	2.27	0.035

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on May 11, 2006, the new allowable pH range for the Rowe Site is between 5.0 and 8.5. The pH was measured with a calibrated electronic pH meter. Influent pH values from recovery wells typically range between 5 and 6.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

TABLE 3

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Carbon Unit System Air Quality Results

Precarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ12011:1110NP4-1	1/20/2011	11:10	0.0560	0.0052	0.0140	0.0011	0.0058	0.0077	ND	ND	ND	ND	0.0079	NA	ND	ND	0.10
AQ2111:1210NP4-1	2/1/2011	12:10	0.0770	0.0052	0.0330	0.0016	0.0074	0.0042	ND	ND	ND	ND	0.0050	NA	ND	ND	0.14
AQ3211:1405NP4-1	3/2/2011	14:05	0.3500	0.0110	0.0250	0.0010	0.0059	0.0072	ND	0.0240	0.0440	0.0200	0.0082	0.0027	0.0100	ND	0.52
AQ4511:1330NP4-1	4/5/2011	13:30	0.0830	0.0073	0.0380	0.0016	0.0097	0.0059	ND	0.0031	ND	ND	0.0077	0.0030	ND	ND	0.16
AQ5311:1120NP4-1	5/3/2011	11:20	0.0290	0.0042	0.0300	0.0032	0.0075	ND	ND	0.0130	0.0034	0.0015	0.0046	0.0081	0.0018	ND	0.12
AQ060611:1400NP4-1	6/6/2011	14:00	0.0490	0.0039	0.0094	0.0006	0.0047	0.0028	ND	0.0025	ND	ND	0.0054	NA	ND	ND	0.09
AQ7611:1420NP4-1	7/6/2011	14:20	0.0660	0.0061	0.0170	0.0009	0.0064	0.0095	ND	0.0059	ND	ND	0.0049	NA	ND	ND	0.13
AQ83011:1200NP4-1	8/30/2011	12:00	0.0160	0.0020	0.0049	ND	0.0020	ND	ND	0.0140	0.0027	ND	0.0026	NA	ND	ND	0.05
AQ92811:1120NP4-1	9/28/2011	11:20	0.0170	0.0036	0.0160	ND	0.0069	ND	ND	0.0017	0.0028	0.0013	0.0037	0.0490	0.0011	0.0054	0.23
AQ101811:1300NP4-1	10/18/2011	13:00	0.0370	0.0031	0.0170	ND	0.0081	ND	ND	0.0010	0.0009	0.0004	0.0034	NA	0.0003	ND	0.14
AQ112111:1100NP4-1	11/21/2011	11:00	0.0190	0.0035	0.0160	ND	0.0075	ND	ND	0.0016	0.0022	ND	0.0036	NA	ND	ND	0.09
AQ122711:11:30NP4-1	12/27/2011	11:30	0.0480	0.0038	0.0170	ND	0.0081	0.0032	ND	0.0740	0.0190	0.0062	0.0031	NA	0.0120	ND	0.26

Midcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ12011:1115NP4-2	1/20/2011	11:15	0.0027	ND	0.0490	0.0013	0.0082	0.0025	ND	ND	ND	ND	0.0074	NA	ND	ND	0.07
AQ211111:1215NP4-2	2/1/2011	12:15	0.0061	0.0018	0.0500	0.0014	0.0096	0.0028	ND	0.0091	0.0039	ND	0.0089	0.0071	0.0022	ND	0.11
AQ3211:1410NP4-2	3/2/2011	14:10	0.0049	0.0016	0.0440	0.0017	0.0066	0.0023	ND	ND	ND	ND	0.0073	0.0018	ND	ND	0.08
AQ4511:1335NP4-2	4/5/2011	13:35	0.0055	0.0017	0.0390	0.0014	0.0081	0.0029	ND	0.0180	ND	ND	0.0071	0.0170	ND	ND	0.11
AQ5311:1125NP4-2	5/3/2011	11:25	0.0099	0.0019	0.0550	0.0044	0.0140	0.0043	ND	ND	ND	ND	0.0110	0.0023	ND	ND	0.11
AQ060611:1405NP4-2	6/6/2011	14:05	0.1900	0.0310	0.0330	ND	0.0012	0.0017	ND	0.0048	ND	ND	0.0020	NA	ND	ND	0.28
AQ7611:1425NP4-2	7/6/2011	14:25	0.1400	0.0160	0.0130	ND	ND	ND	ND	0.0056	ND	ND	ND	NA	ND	ND	0.19
AQ83011:1205NP4-2	8/30/2011	12:05	0.1100	0.0130	0.0110	ND	0.0009	ND	ND	0.0079	ND	ND	ND	NA	ND	ND	0.15
AQ92811:1125NP4-2	9/28/2011	11:25	1.3000	0.0270	0.0086	ND	0.0040	ND	ND	0.0041	0.0024	0.0009	ND	0.0230	0.0012	0.0058	1.45
AQ101811:1305NP4-2	10/18/2011	13:05	0.1100	0.0140	0.0110	ND	0.0054	ND	ND	0.0016	0.0016	0.0007	0.0015	NA	0.0006	0.0036	0.31
AQ112111:1105NP4-2	11/21/2011	11:05	0.0830	0.0042	0.0058	ND	0.0080	ND	ND	0.0017	0.0020	0.0094	0.0031	NA	ND	ND	0.19
AQ122711:1135NP4-2	12/27/2011	11:35	0.2400	0.0058	0.0140	ND	0.0095	ND	ND	0.0480	0.0036	ND	ND	NA	0.0048	ND	0.38

Postcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ12011:1120NP4-3	1/20/2011	11:20	ND	ND	0.0760	0.0020	0.0130	0.0035	ND	ND	ND	ND	0.0088	NA	ND	ND	0.10
AQ2111:1220NP4-4	2/1/2011	12:20	ND	ND	0.0630	0.0019	0.0110	0.0035	ND	ND	ND	ND	0.0088	0.0060	ND	ND	0.09
AQ3211:1415NP4-3	3/2/2011	14:15	ND	ND	0.0890	0.0023	0.0130	0.0051	ND	0.0014	ND	ND	0.0120	0.0021	ND	ND	0.13
AQ4511:1340NP4-3	4/5/2011	13:40	ND	ND	0.0600	0.0021	0.0110	0.0052	ND	0.0055	ND	ND	0.0110	0.0038	ND	ND	0.11
AQ5311:1130NP4-3	5/3/2011	11:30	ND	ND	0.0620	0.0049	0.0099	0.0060	ND	0.0025	ND	ND	0.0090	0.0031	ND	ND	0.10
AQ060611:1410NP4-3	6/6/2011	14:10	ND	ND	ND	ND	ND	ND	ND	0.0062	0.0035	0.0013	ND	NA	ND	ND	0.02
AQ7611:1430NP4-3	7/6/2011	14:30	ND	ND	ND	ND	ND	ND	ND	0.0049	0.0034	ND	ND	NA	ND	ND	0.02
AQ83011:1210NP4-3	8/30/2011	12:10	ND	ND	ND	ND	ND	ND	ND	0.0040	ND	ND	ND	NA	ND	ND	0.02
AQ92811:1130NP4-3	9/28/2011	11:30	0.0023	ND	ND	ND	ND	ND	ND	0.0019	0.0013	ND	ND	0.0058	0.0012	ND	0.05
AQ101811:1310NP4-3	10/18/2011	13:10	0.0083	ND	ND	ND	ND	ND	ND	0.0069	ND	ND	ND	NA	ND	ND	0.29
AQ112111:1110NP4-3	11/21/2011	11:10	ND	ND	ND	ND	ND	ND	ND	ND	0.0016	0.0009	ND	ND	ND	ND	0.07
AQ122711:1140NP4-3	12/27/2011	11:40	ND	ND	ND	ND	ND	ND	ND	0.2800	0.0680	0.0210	ND	NA	0.0440	ND	0.62

PCE: Tetrachloroethane
TCE: Trichloroethene
TCA: 1,1,1-Trichloroethane
DCE: 1,1-Dichloroethene
DCA: 1,1-Dichloroethane
cis-DCE: cis-1,2-Dichloroethene
CF: Chloroform
MC: Methylene Chloride
EB: Ethylbenzene

Note: NA - Not Applicable. Method blank contamination. The associated method blank contains the target analyte at a reportable level.
NS - Not Sampled
ND - Not Detected

The air quality results summarized above are for the compounds listed in the FSP&T groundwater discharge permit. Low concentrations of additional compounds are accounted for in the Total VOCs column, however, are not listed.

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Chloro ethane (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	0.0865	ND<0.02	ND<1	ND<1	ND<1	2.5	ND<1	8.0	ND<2	ND<1	ND<1	ND<1	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	0.0332	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	0.0133	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	**9.8**	ND<1	0.0475	0.0229	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	0.0703	0.0326	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	0.0285	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	0.0357	0.0217	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<0.02	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	0.0289	ND<0.02	ND<1	ND<1	**8.4***	ND<1	ND<1	13.0	3.3	1.3	1.0	1.0	6.9*
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	0.1650	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.6 J	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	9-Mar-11	ND<1	ND<1	ND<1	0.6 J	ND<1	-	-	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	0.8 J	ND<5	-	-	ND<5	ND<1	**7.1 B**	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.8 B
RW-2	12-Jan-10	2.2	ND<1	ND<1	ND<1	ND<1	3.72	0.567	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	0.83 J	ND<1	1.2	ND<1	ND<1	10.00	0.025	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	1.0	ND<1	1.7	ND<1	ND<1	2.56	0.515	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.43	0.036	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.06	0.052	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	1.9	ND<1	ND<1	ND<1	ND<1	6.76	0.036	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.60	0.047	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.50	0.893	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.31	0.039	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	2.7	ND<1	ND<1	ND<1	ND<1	1.68	0.073	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.44 J	ND<1	0.77 J	ND<1	ND<1	2.86	0.050	0.32 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	10.30	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	2.69	0.160	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	2.85	0.019	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	3.82	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.72	0.199	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	1.83	0.033	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.71	0.013	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.20	0.021	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<1	3.9 B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.5 B
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	-	-	0.25 J	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	0.24 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	-	-	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	0.13 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	-	-	0.11 J	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	0.41 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Chloro ethane (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-3	12-Jan-10	ND<1	1.3	ND<1	ND<1	ND<1	2.34	1.820	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	ND<1	1.7	ND<1	ND<1	ND<1	2.22	0.247	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	ND<1	1.4	ND<1	ND<1	ND<1	2.18	0.087	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	2.61	0.170	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.39	0.538	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	ND<1	1.5	ND<1	ND<1	ND<1	2.30	0.757	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.48	0.497	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	0.63 J	ND<1	ND<1	2.04	0.948	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	0.84 J	ND<1	ND<1	2.86	0.896	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.95	0.369	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	0.36 J	ND<1	ND<1	ND<1	2.07	1.76	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.65	0.599	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.43	0.501	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.09	0.732	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.20	0.571	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.13	1.250	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.11	0.824	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.29	0.611	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.25	0.423	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	ND<5	0.93 J	ND<5	ND<5	ND<5	-	-	ND<5	ND<1	**7.0 J,B**	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.3 B
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	0.11 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-4	12-Jan-10	4.9	0.88 J	1.5	ND<1	ND<1	4.32	3.12	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	2.4	ND<1	**6.0**	ND<1	ND<1	4.67	2.01	ND<1	ND<1	5.0	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	2.1	ND<1	4.2	ND<1	ND<1	4.69	2.77	0.63 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.70	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	1.7	ND<1	ND<1	ND<1	ND<1	3.72	0.03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	3.3	ND<1	2.5	ND<1	ND<1	4.93	1.70	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	**5.6**	ND<1	ND<1	5.80	0.04	0.66 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	1.9	ND<1	ND<1	8.96	1.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	1.7	ND<1	ND<1	ND<1	ND<1	5.07	2.00	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	2.9	ND<1	3.5	ND<1	ND<1	6.53	0.27	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.55 J	ND<1	1.2	ND<1	ND<1	4.69	1.64	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	0.50 J	ND<1	ND<1	ND<1	ND<1	4.09	0.01	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.61 J	ND<1	0.76 J	ND<1	ND<1	7.46	ND<0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	0.82 J	ND<1	ND<1	ND<1	ND<1	4.14	1.78	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	4.98	1.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	4.81	0.33	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	5.12	2.95	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	6.53	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	0.92 J	ND<1	ND<1	4.90	0.79	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	1.1 J	ND<5	2.7 J	ND<5	ND<5	-	-	1.4 J	ND<5	3.9 B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	-	-	1.8	0.17 J	0.47 J,B	ND<0.5	ND<0.5	0.17 J	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	-	-	0.61	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	-	-	1.6	0.18 J	0.47 J,B	ND<0.5	ND<0.5	0.16 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Chloro ethane (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-5	12-Jan-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.036	0.0131	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	ND<1	ND<1	2.7	ND<1	ND<1	0.095	0.0092	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	ND<1	ND<1	2.6	0.66 J	ND<1	0.053	0.0230	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.087	0.0092	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	5.390	0.0052	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	ND<1	ND<1	ND<1	2.3	ND<1	0.481	0.0300	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	1.0	ND<1	ND<1	0.062	0.0177	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	2.3	ND<1	0.030	0.0114	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.035	0.0093	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.78	0.0188	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	ND<1	0.7 J	ND<1	ND<1	0.034	0.0080	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.047	0.0070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	0.260	0.0150	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.041	0.0100	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	0.041	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	0.258	0.0050	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.031	0.0200	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.027	0.0009	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	0.074	0.0240	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	-	-	ND<5	ND<1	4.8 J,B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.4 J,B
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	-	-	0.51	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	0.14 J,B	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	-	-	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	-	-	0.73	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-6	12-Jan-10	**12.0**	ND<1	**5.3**	ND<1	ND<1	0.1010	0.0518	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	**7.6**	ND<1	4.4	ND<1	ND<1	0.0780	0.0209	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	**7.0**	ND<1	4.2	ND<1	ND<1	0.0550	0.0241	0.91 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	**6.9**	ND<1	2.9	ND<1	ND<1	0.0855	0.0546	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	**6.4**	ND<1	**6.2**	ND<1	ND<1	0.2080	0.0582	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	**6.3**	ND<1	**7.0**	ND<1	ND<1	0.1640	0.0221	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	3.4	ND<1	4.5	ND<1	ND<1	0.2890	0.0162	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	4.3	ND<1	2.8	1.8	ND<1	0.0512	0.023	0.36 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	4.3	ND<1	4.2	ND<1	ND<1	0.1040	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	**5.3**	ND<1	3.0	ND<1	ND<1	0.0218	0.016	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	1.7	ND<1	0.8 J	ND<1	ND<1	0.1080	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	2.6	ND<1	ND<1	ND<1	ND<1	0.3650	0.015	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	1.6	ND<1	0.7 J	ND<1	ND<1	0.7000	0.008	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	1.9	ND<1	0.9 J	ND<1	ND<1	0.1000	0.011	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	0.3200	0.012	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	0.0460	0.005	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	0.0450	0.037	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	0.0440	0.010	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	0.2340	0.017	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	-	-	1.0 J	ND<1	4.5 J,B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.5 J,B
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	-	-	0.87	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	-	-	1.1	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	-	-	0.83	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Chloro ethane (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-7	12-Jan-10	**9.1**	ND<1	1.30	ND<1	ND<1	0.067	0.0414	0.88 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	4.7	ND<1	ND<1	ND<1	ND<1	0.209	0.1180	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	3.6	ND<1	0.77 J	ND<1	ND<1	0.260	0.1410	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	5.0	ND<1	ND<1	ND<1	ND<1	0.118	0.0679	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	**8.0**	ND<1	0.73 J	ND<1	ND<1	0.070	0.0304	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	**6.9**	ND<1	3.2	ND<1	ND<1	0.115	0.0284	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	1.2	ND<1	1.0	ND<1	ND<1	0.309	0.0694	0.44 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	0.67 J	ND<1	ND<1	0.163	0.0343	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	4.6	ND<1	2.4	ND<1	ND<1	0.480	0.1430	0.89 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	3.8	ND<1	ND<1	ND<1	ND<1	0.239	0.1490	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	0.9 J	ND<1	ND<1	ND<1	ND<1	0.802	0.2070	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	1.8	ND<1	ND<1	ND<1	ND<1	0.198	0.0280	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	0.9 J	ND<1	ND<1	ND<1	ND<1	0.752	0.0120	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	1.8	ND<1	ND<1	ND<1	ND<1	2.34	0.0190	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	0.43	0.1180	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.37	0.1600	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	1.30	0.0610	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	0.27	0.1430	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	0.64	0.1320	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	9/15/2011 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15 J	--	--	0.40 J	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	4.4	0.15 J	0.60	ND<0.5	0.25 J	--	--	0.59	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	2.2	0.11 J	0.43 J	0.11 J	0.13 J	--	--	0.28 J	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-8	12-Jan-10	ND<1	ND<1	ND<1	ND<1	ND<1	6.87	3.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	ND<1	ND<1	ND<1	ND<1	ND<1	6.46	1.46	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	ND<1	ND<1	ND<1	ND<1	ND<1	8.15	2.36	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.18	0.20	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	4.94	0.04	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.84	2.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	9.69	0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	7.88	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	10.8	0.13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	8.29	0.42	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10	ND<1	ND<1	ND<1	ND<1	ND<1	6.96	1.83	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	22.4	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.2	0.02	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	4.34	0.23	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	7.23	1.24	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	1.58	0.57	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.48	2.52	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	11.6	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	9.81	0.05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<1	4.4 J,B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	Total Iron (mg/L)	Dissolved Iron (mg/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)	Ethyl-benzene (ug/L)	Chloro ethane (ug/L)	Acetone (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**300**	**300**	**5**	**5**	**5**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-9	12-Jan-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.71	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-10	ND<1	ND<1	ND<1	ND<1	ND<1	4.42	0.19	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Mar-10	ND<1	ND<1	ND<1	ND<1	ND<1	2.64	1.84	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	08-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.70	0.18	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	25-May-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.44	0.03	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Jun-10	ND<1	ND<1	ND<1	ND<1	ND<1	0.93	0.07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	20-Jul-10	ND<1	ND<1	ND<1	ND<1	ND<1	18.00	0.06	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	Aug-10 [1/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	16-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	1.91	0.694	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	53.30	0.027	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	16-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	3.18	0.723	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	14-Dec-10 [2/]	ND<1	ND<1	ND<1	ND<1	ND<1	3.36	1.130	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.79	0.143	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	2.55	0.034	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.65	0.048	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.26	0.991	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	3.53	0.389	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	0.50	0.054	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.06	0.030	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	5.34	0.060	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	-	-	ND<5	ND<1	4.6 J,B	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.4 J,B
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.16 J	ND<0.5	-	-	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	0.16 J	ND<2
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<2	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed
PCE: Tetrachloroethylene
MTBE: Methyl-tertiary-butyl-ether
TCE: Trichloroethylene
NS: Not sampled
TCA: 1,1,1-Trichloroethane

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.
NE indicates that the ARAR goal was not established for this compound by the EPA.
Bold values indicate an exceedence of the ARAR standard established for the site.

[1/] The FSP&T Recovery system was not operational during most of the month, due to a leaking pipe, thus the recovery wells were not sampled during August 2010.
[2/] Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.
[3/] RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.

TABLE 5

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1								
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**VC**	**Napthalene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1** [1/]	**NE**	**5**	**NE**
27-Jan-10	**180**	1.1	0.63 J	1.40	ND<1	ND<1	ND<1	ND<1
17-Feb-10	**16**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Mar-10	**160**	1.2	**8.3**	4.60	ND<1	ND<1	ND<1	ND<1
8-Apr-10	**110**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were shut down on April 13, 2010								
18-May-10	**170**	**40**	**290**	ND<1	ND<1	ND<1	ND<1	ND<1
17-Jun-10	**32**	ND<1	**7.8**	ND<1	ND<1	ND<1	ND<1	ND<1
13-Jul-10	**22**	2.2	3.1	ND<1	ND<1	ND<1	ND<1	ND<1
31-Aug-10	**170**	ND<1	**42**	**7.1**	ND<1	ND<1	ND<1	ND<1
17-Sep-10	**180**	3.1	**79**	**5.7**	ND<1	ND<1	ND<1	ND<1
13-Oct-10	**190**	**5.4**	**15**	**6.0**	ND<1	ND<1	ND<1	ND<1
11-Nov-10	**48**	2.9	**6.2**	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	**7.6**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**110**	2.7	4.7	2.6	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011								
20-Jan11 (10:00 AM)	**5.5**	2.9	**60**	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan11 (1:30 PM)	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	**6.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**46**	ND<1	ND<1	0.55 J	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**68**	ND<1	ND<1	0.58 J	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**22**	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**46**	7.2	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**18**	0.6	1.2	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**22**	1.2	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**37**	ND<5	ND<5	ND<5	ND<5	ND<10	4.4 J,B	4.0 J,B
11-Oct-11	**16**	ND<5	ND<5	ND<5	ND<5	ND<10	5.0 J,B	--
8-Nov-11	**38**	0.41 J	0.18 J	0.26 J	ND<0.5	ND<2	0.87 J,B	ND<2
20-Dec-11	**74**	2.4	**12**	1.4	0.34 J	0.28 J,B	0.36 J,B	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
VC: Vinyl Chloride
MC: Methylene chloride

TABLE 6

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2												
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**Toluene**	**VC**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**5**	**1** [1/]	**NE**	**7**	**5**	**--**	**5**	**NE**
27-Jan-10	**8.5**	1.5	3.9	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-10	**8.4**	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Mar-10	**33**	1.7	**14**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	**46**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were shut down on April 13, 2010												
18-May-10 [2/]	**19**	1.3	3.8	ND<1	ND<1	ND<1	ND<1	**890**	ND<1	ND<1	ND<1	ND<1
17-Jun-10	**87**	3.2	**14**	ND<1	0.54 J	ND<1	ND<1	**51**	ND<1	ND<1	ND<1	ND<1
13-Jul-10	**38**	**6.7**	**8.4**	ND<1	ND<1	ND<1	ND<1	4.4	ND<1	ND<1	ND<1	ND<1
31-Aug-10	**100**	**9.2**	**12**	ND<1	ND<1	ND<1	ND<1	**10**	ND<1	ND<1	ND<1	ND<1
16-Sep-10	**150**	**18.0**	**34**	ND<1	ND<1	ND<1	ND<1	**9.8**	ND<1	ND<1	ND<1	ND<1
13-Oct-10	**110**	**7.7**	**35**	ND<1	ND<1	ND<1	ND<1	1.8	0.39 J	ND<1	ND<1	ND<1
11-Nov-10	2.2	ND<1	4.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	**5.0**	ND<1	3.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**35**	2.2	4.6	ND<1	ND<1	ND<1	ND<1	0.3 J	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011												
20-Jan-11 (10:02 AM)	**17**	1.7	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:32 PM)	2.3	ND<1	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	**7.1**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**18**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**39**	ND<1	2.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**8.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**7.1**	1.0	9.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**26**	0.8 J	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**6.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**7.5**	1.4	**7.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**24**	1.4 J	1.4 J	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	3.9 J,B
11-Oct-11	**32**	2.5 J	**6.7**	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	**27**	2.7	**16**	ND<0.5	0.33 J	ND<0.5	ND<2	ND<0.5	ND<0.5	0.11 J	0.77 J,B	ND<2
20-Dec-11	**46**	0.77	**1.4**	ND<0.5	ND<0.5	ND<0.5	0.20 J,B	ND<0.5	ND<0.5	ND<0.5	0.35 J,B	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

2. During the May 2010 sampling event 2-Butanone (33 ug/l), bromodichloromethane (7.7 ug/l), carbon tetrachloride (1.4 ug/l) and chloroform (890 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
VC: Vinyl chloride
EB: Ethylbenzene
MC: Methylene chloride

TABLE 7

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3													
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**IPB**	**NPB**	**11DCA**	**VC**	**SBB**	**Chloroform**	**CM**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**5** [1/]	**5** [1/]	**5**	**1** [1/]	**5** [1/]	**7**	**5**	**5**	**NE**
27-Jan-10	**400**	**9.2**	**100**	**16**	4.4	2.8	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-10	**55**	2.3	**14**	ND<1	3.4	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Mar-10	**190**	3.2	**19**	ND<1	1.5	0.83 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	**240**	ND<1	**38**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were shut down on April 13, 2010													
18-May-10 [2/]	**180**	1.9	**9.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**580**	4.4	ND<1	ND<1
17-June-10 [3/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
13-Jul-10	**10**	ND<1	**47**	1.4	**6.7**	2.1	ND<1	ND<1	1.1	**21**	ND<1	ND<1	ND<1
31-Aug-10	**78**	**13**	**190**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**13**	ND<1	ND<1	ND<1
16-Sep-10	**110**	**12**	**62**	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	4.4	ND<1	ND<1	ND<1
13-Oct-10	**9.8**	ND<1	**22**	ND<1	**5.8**	2.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-Nov-10	ND<1	ND<1	**11**	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	1.9	ND<1	4.7	ND<1	1.2	0.53 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**13**	0.8 J	**5.6**	ND<1	0.9 J	0.38 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011													
20-Jan-11 (10:04 AM)	**7.6**	ND<1	**5.2**	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:34 PM)	ND<1	ND<1	1.8	ND<1	0.8 J	0.4 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	ND<1	1.3	2.6	ND<1	0.6 J	0.4 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	**26**	1.4	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**19**	2.6	**17**	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	**60**	2.8	**11**	ND<1	0.7 J	0.56 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**85**	3.5	**13**	ND<1	0.7 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**80**	**12**	**47**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**26**	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**11**	1.8	**7.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.5 J,B	4.4 J,B
11-Oct-11	**28**	2.5	**15**	2.5 J	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.6 J,B	--
8-Nov-11	**36**	0.78	3.0	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<2
20-Dec-11	**68**	4.3	**9.7**	0.74	ND<0.5	ND<0.5	0.21 J	0.28 J	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were

2. During the May 2010 sampling event 2-Butanone (19 ug/l), bromodichloromethane (15 ug/l), carbon tetrachloride (1.0ug/l) and chloroform (580 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the below grade pipe cleanout.

3. FRW-3 was not sampled during June 2010 because the pump was inoperable. The groundwater will be sampled during July following

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
IPB: Isopropylbenzene
NPB: n-Propylbenzene
11DCA: 1,1-Dichloroethane
VC: Vinyl chloride
SSB: Sec-butylbenzene
CM: Chloromethane
MC: Methylene chloride

TABLE 8

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-4 VOC Concentrations, micrograms per liter

FRW-4										
Date	**PCE**	**TCE**	**12DCE**	**TCA**	**IPB**	**NPB**	**VC**	**Napthalene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**5** [1/]	**5** [1/]	**1** [1/]	**NE**	**5**	**NE**
27-Jan-10	**24**	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-10	**43**	0.81 J	4.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Mar-10	**5.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
8-Apr-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were shut down on April 13, 2010										
18-May-10	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Jun-10	0.81 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
13-Jul-10	1.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
31-Aug-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
16-Sep-10	ND<1	4.5	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
13-Oct-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-Nov-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
7-Dec-10	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
The FRWs were restarted on January 20, 2011										
20-Jan-11 (10:06 AM)	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:36 PM)	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	2.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	3.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	2.8	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	2.8	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**22**	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<5	ND<10	4.8 J,B	4.5 J,B
11-Oct-11	**13**	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<5	ND<10	4.3 J,B	--
8-Nov-11	**30**	1.8	**6.0**	0.19 J	0.19 J	0.13 J	ND<0.5	ND<2	0.77 J,B	ND<2
20-Dec-11	**39**	1.7	2.4	0.44 J	ND<0.5	ND<0.5	ND<0.5	0.21 J,B	0.47 J,B	ND<2

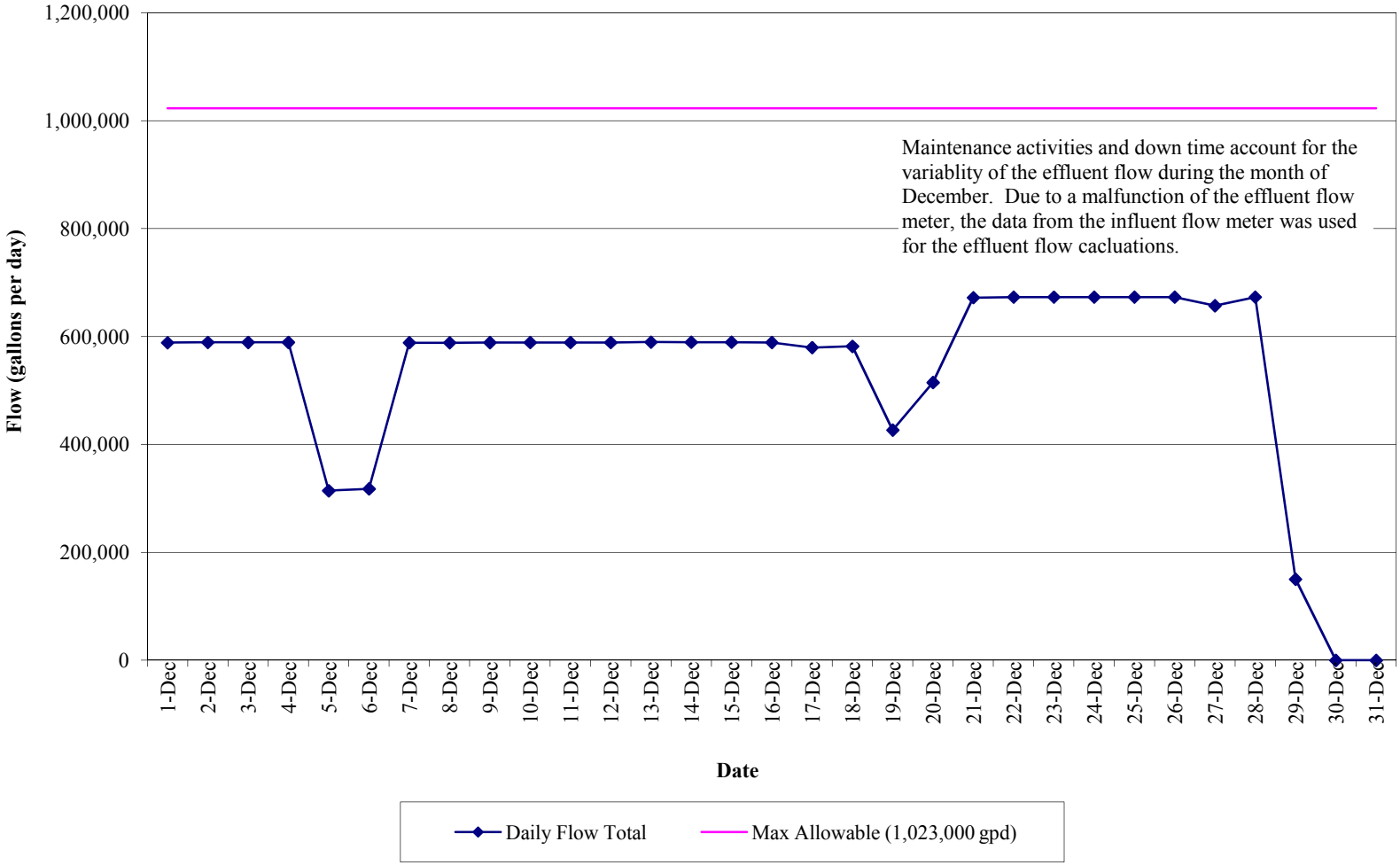
ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
IPB: Isopropylbenzene
NPB: n-Propylbenzene
VC: Vinyl Chloride
MC: Methylene chloride

GRAPHS

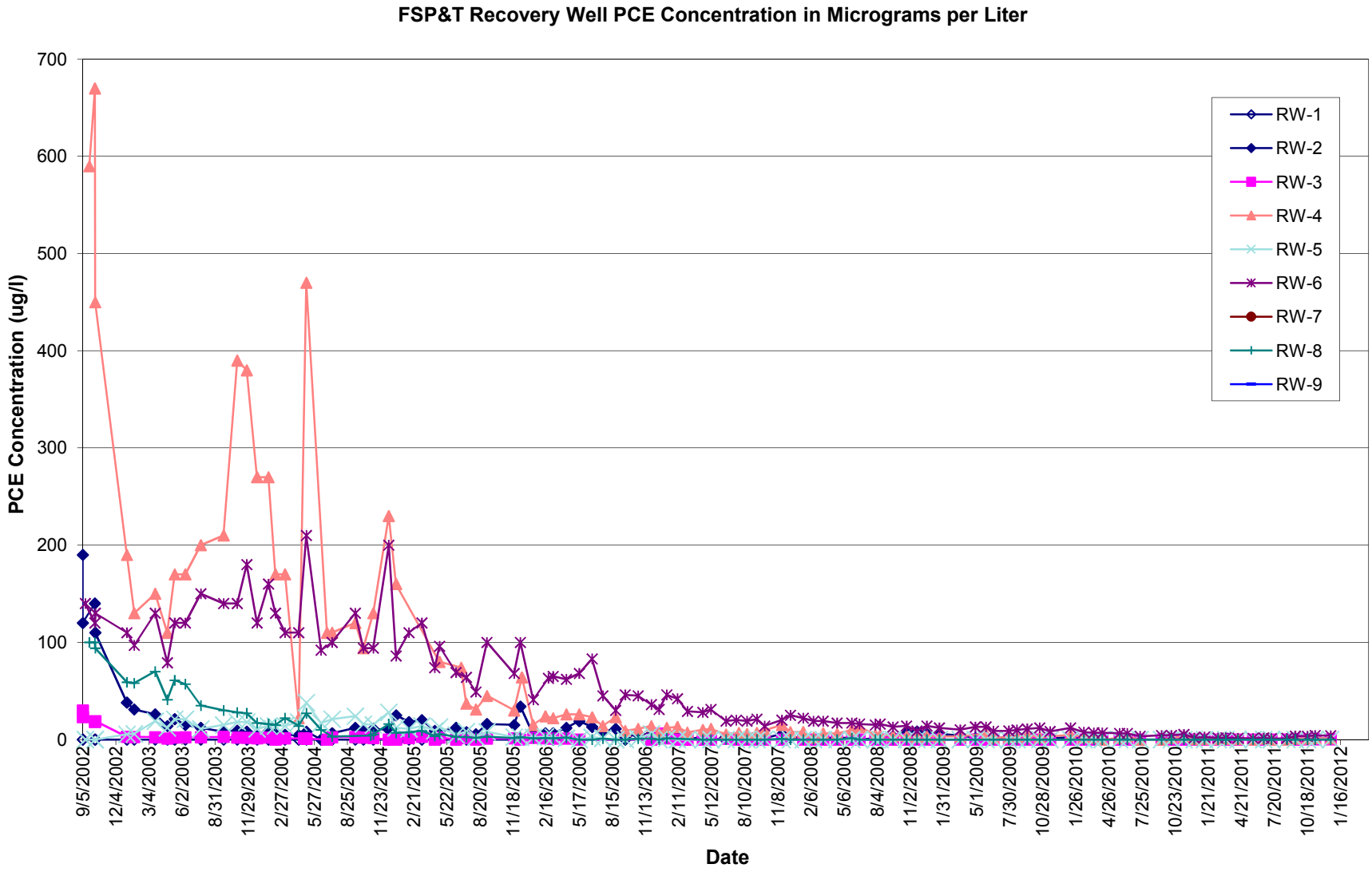
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(December 1, 2011 to December 31, 2011)

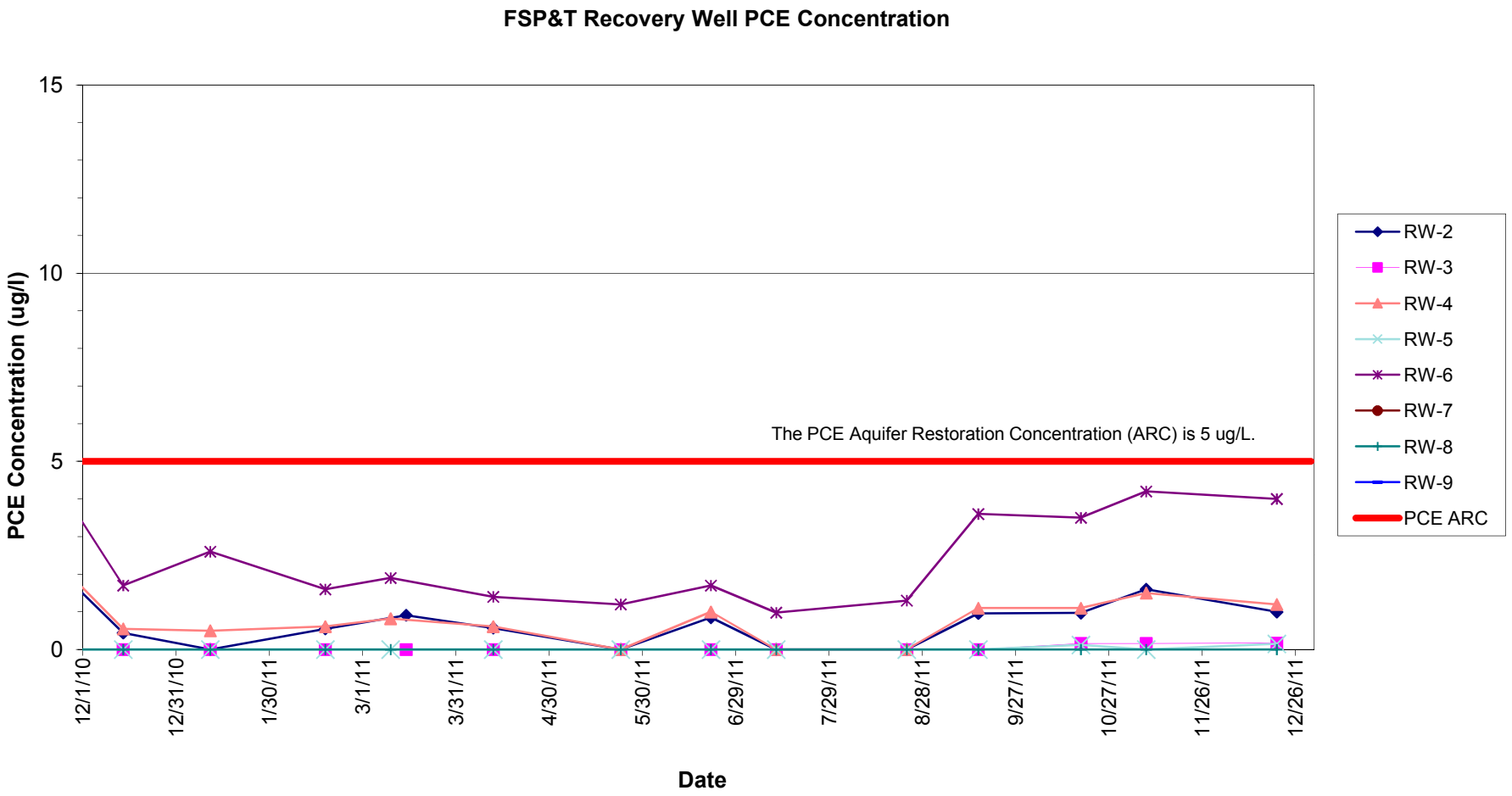


GRAPH 2

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

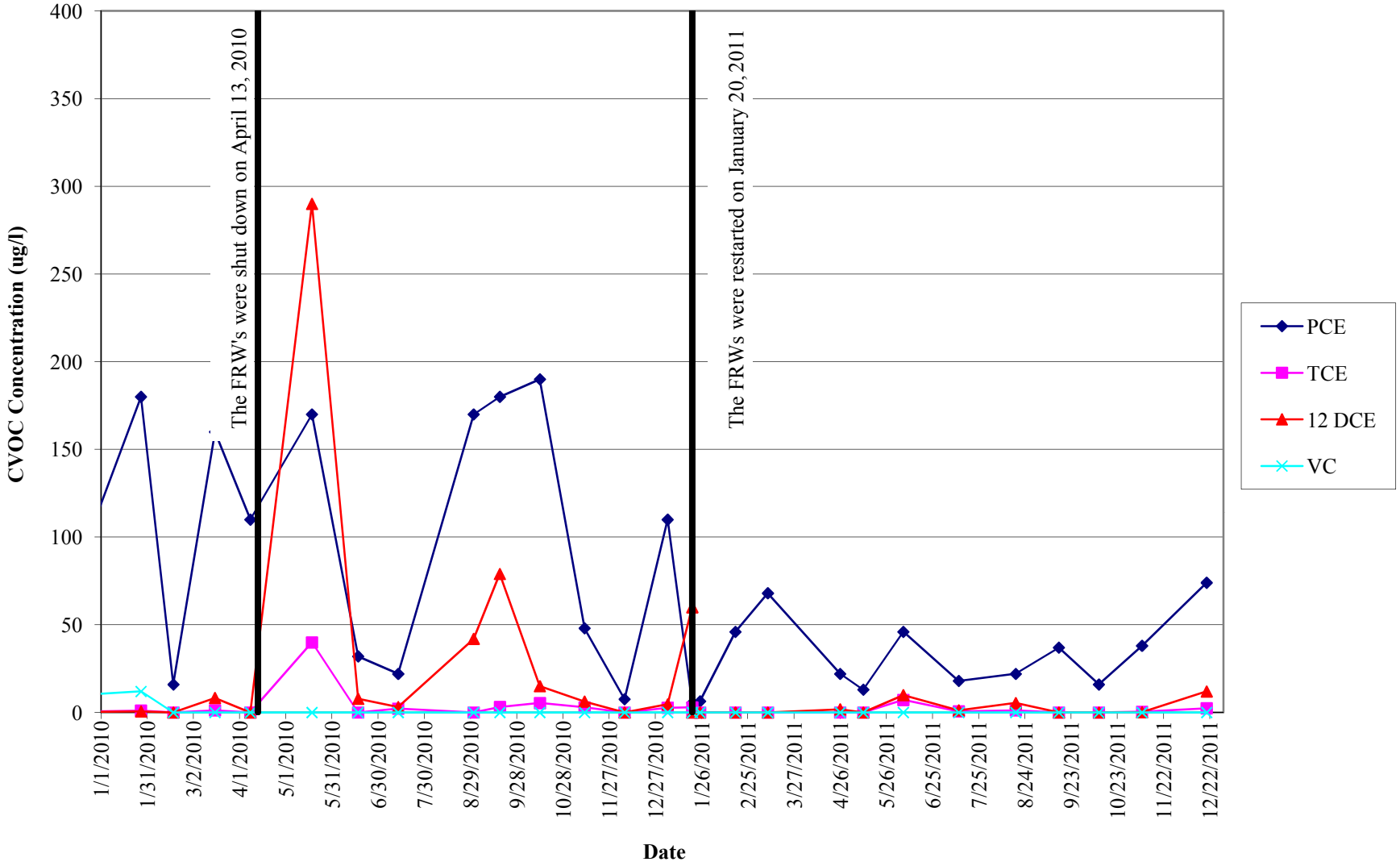


GRAPH 3
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

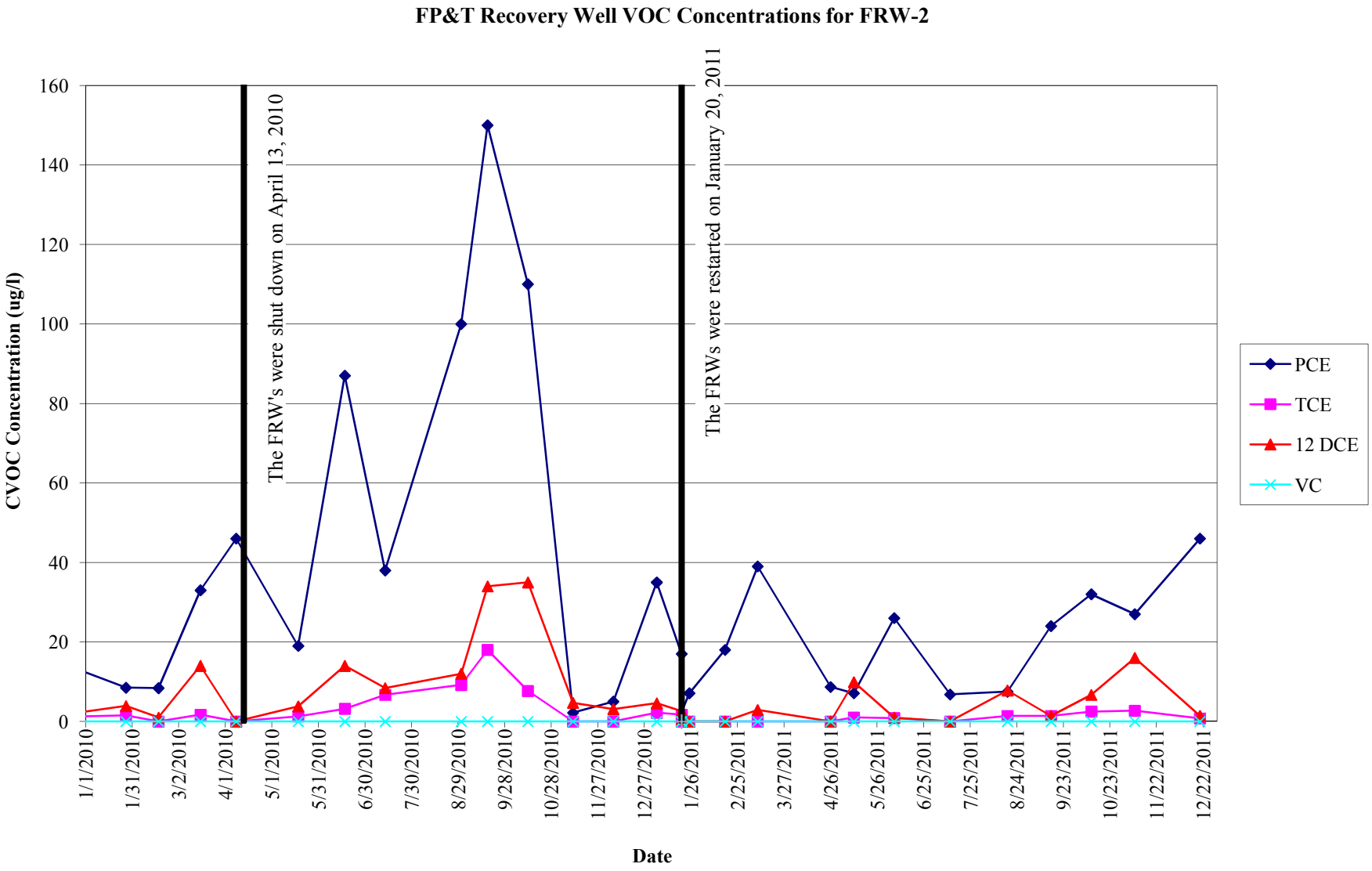


GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1

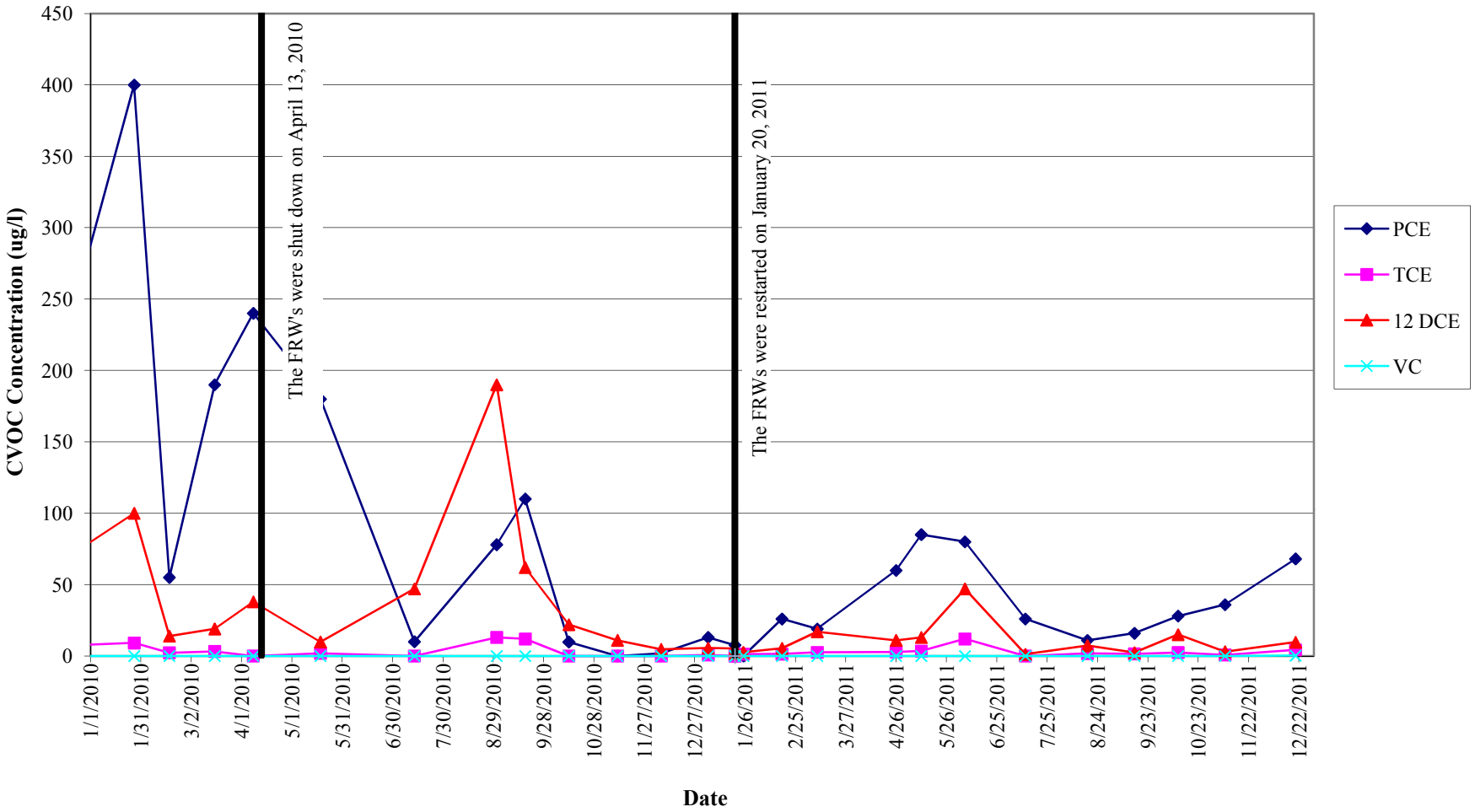


GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

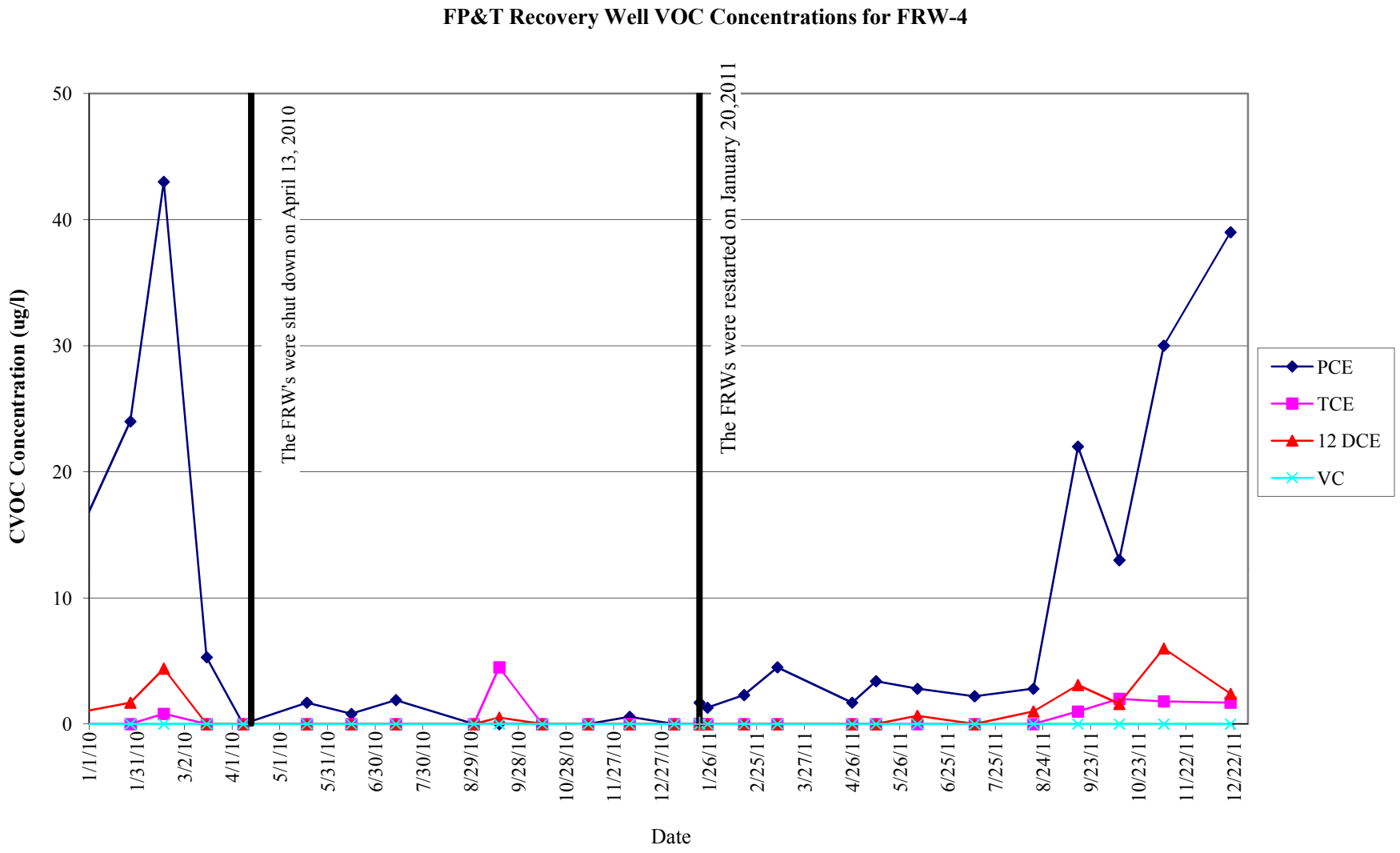


GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



GRAPH 7
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



APPENDIX I
DECEMBER 2011 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 12/19/2011
Client Project ID: Rowe Indurstries
York Project (SDG) No.: 11L0394

Report Date: 12/19/2011
Client Project ID: Rowe Indurstries
York Project (SDG) No.: 11L0394

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 08, 2011 and listed below. The project was identified as your project: **Rowe Indurstries**.

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
11L0394-01	WQ12611:1050NP2-6	Water	12/06/2011	12/08/2011
11L0394-02	WQ12611:1055NP2-7	Water	12/06/2011	12/08/2011
11L0395-01	WQ12611:1100NP2-10	Water	12/06/2011	12/08/2011

General Notes for York Project (SDG) No.: 11L0394

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

Approved By:  **Date:** 12/19/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **WQ12611:1050NP2-6** **York Sample ID:** **11L0394-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:50 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
71-55-6	**1,1,1-Trichloroethane**	**0.83**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-34-3	**1,1-Dichloroethane**	**0.32**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS

Sample Information

Client Sample ID: **WQ12611:1050NP2-6** **York Sample ID:** **11L0394-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:50 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
67-66-3	**Chloroform**	**0.19**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-09-2	**Methylene chloride**	**0.38**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
91-20-3	**Naphthalene**	**0.15**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
127-18-4	**Tetrachloroethylene**	**1.5**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
79-01-6	**Trichloroethylene**	**0.17**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/15/2011 13:15	12/15/2011 13:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.8 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*86.7-112*

Sample Information

Client Sample ID: WQ12611:1050NP2-6 **York Sample ID:** 11L0394-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:50 am	12/08/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0656**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/14/2011 16:56	12/14/2011 20:35	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.77**		mg/L	0.00550	0.0100	1	EPA 200.7	12/14/2011 16:56	12/14/2011 20:40	MW

Sample Information

Client Sample ID: WQ12611:1055NP2-7 **York Sample ID:** 11L0394-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:55 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS

Sample Information

Client Sample ID: WQ12611:1055NP2-7 **York Sample ID:** 11L0394-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:55 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-09-2	**Methylene chloride**	**0.42**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
91-20-3	**Naphthalene**	**0.17**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS

Sample Information

Client Sample ID: WQ12611:1055NP2-7 **York Sample ID:** 11L0394-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0394	Rowe Indurstries	Water	December 6, 2011 10:55 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/15/2011 13:58	12/15/2011 13:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.3 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*119 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*112 %*	*86.7-112*

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0787**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/14/2011 16:56	12/14/2011 20:45	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.85**		mg/L	0.00550	0.0100	1	EPA 200.7	12/14/2011 16:56	12/14/2011 20:50	MW

Sample Information

Client Sample ID: WQ12611:1100NP2-10 **York Sample ID:** 11L0395-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0395	Rowe Indurstries	Water	December 6, 2011 11:00 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS

Sample Information

Client Sample ID: WQ12611:1100NP2-10 **York Sample ID:** 11L0395-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0395	Rowe Indurstries	Water	December 6, 2011 11:00 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS

Sample Information

Client Sample ID: WQ12611:1100NP2-10 **York Sample ID:** 11L0395-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0395	Rowe Indurstries	Water	December 6, 2011 11:00 am	12/08/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-09-2	**Methylene chloride**	**0.56**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/15/2011 15:46	12/15/2011 15:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.3 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*86.7-112*

Sample Information

Client Sample ID: WQ12611:1100NP2-10 **York Sample ID:** 11L0395-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0395	Rowe Indurstries	Water	December 6, 2011 11:00 am	12/08/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.118**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/14/2011 16:56	12/14/2011 20:55	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6.66**		mg/L	0.00550	0.0100	1	EPA 200.7	12/14/2011 16:56	12/14/2011 21:00	MW

Total Dissolved Solids

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**150**		mg/L	1.00	1.00	1	SM 2540C	12/13/2011 11:45	12/14/2011 11:45	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BL10534 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
11L0395-01	WQ12611:1100NP2-10	12/13/11
BL10534-BLK1	Blank	12/13/11
BL10534-DUP1	Duplicate	12/13/11

Batch ID: BL10627 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11L0394-01	WQ12611:1050NP2-6	12/14/11
11L0394-01	WQ12611:1050NP2-6	12/14/11
11L0394-02	WQ12611:1055NP2-7	12/14/11
11L0394-02	WQ12611:1055NP2-7	12/14/11
11L0395-01	WQ12611:1100NP2-10	12/14/11
11L0395-01	WQ12611:1100NP2-10	12/14/11
BL10627-BLK1	Blank	12/14/11
BL10627-BLK1	Blank	12/14/11
BL10627-SRM1	Reference	12/14/11
BL10627-SRM1	Reference	12/14/11

Batch ID: BL10659 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0395-01	WQ12611:1100NP2-10	12/15/11
BL10659-BLK1	Blank	12/15/11
BL10659-BS1	LCS	12/15/11
BL10659-BSD1	LCS Dup	12/15/11

Batch ID: BL10660 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0394-01	WQ12611:1050NP2-6	12/15/11
11L0394-02	WQ12611:1055NP2-7	12/15/11
BL10660-BLK1	Blank	12/15/11
BL10660-BS1	LCS	12/15/11
BL10660-BSD1	LCS Dup	12/15/11

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 BL10659 - EPA 5030B											
Blank (BL10659-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.59	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.87	2.0	"								
Naphthalene	2.7	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

Prepared & Analyzed: 12/15/2011

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 BL10659 - EPA 5030B											
Blank (BL10659-BLK1)								Prepared & Analyzed: 12/15/2011			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.54*		*"*	*10.0*		*95.4*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*71.3-131*				
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*86.7-112*				
LCS (BL10659-BS1)								Prepared & Analyzed: 12/15/2011			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130				
1,1,1-Trichloroethane	9.65		"	10.0		96.5	75.6-137				
1,1,2,2-Tetrachloroethane	9.26		"	10.0		92.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.92		"	10.0		99.2	71.1-129				
1,1,2-Trichloroethane	8.68		"	10.0		86.8	74.5-129				
1,1-Dichloroethane	9.22		"	10.0		92.2	79.6-132				
1,1-Dichloroethylene	9.84		"	10.0		98.4	80.2-146				
1,1-Dichloropropylene	9.16		"	10.0		91.6	75-136				
1,2,3-Trichlorobenzene	9.65		"	10.0		96.5	66.1-136				
1,2,3-Trichloropropane	9.19		"	10.0		91.9	63-131				
1,2,4-Trichlorobenzene	10.7		"	10.0		107	70.6-136				
1,2,4-Trimethylbenzene	11.0		"	10.0		110	75.3-135				
1,2-Dibromo-3-chloropropane	9.06		"	10.0		90.6	58.9-140				
1,2-Dibromoethane	9.40		"	10.0		94.0	79-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122				
1,2-Dichloroethane	7.78		"	10.0		77.8	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127				
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124				
1,3-Dichloropropane	9.29		"	10.0		92.9	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	10.4		"	10.0		104	69-133				
2-Chlorotoluene	9.94		"	10.0		99.4	66.3-119				
2-Hexanone	6.89		"	10.0		68.9	70-130	Low Bias			
4-Chlorotoluene	10.5		"	10.0		105	69.2-127				
Acetone	4.68		"	10.0		46.8	70-130	Low Bias			
Benzene	9.10		"	10.0		91.0	76.2-129				
Bromobenzene	9.24		"	10.0		92.4	71.3-123				
Bromochloromethane	8.85		"	10.0		88.5	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	10.2		"	10.0		102	70.5-141				
Bromomethane	8.76		"	10.0		87.6	43.9-147				
Carbon tetrachloride	11.6		"	10.0		116	78.1-138				
Chlorobenzene	9.79		"	10.0		97.9	80.4-125				
Chloroethane	8.13		"	10.0		81.3	55.8-140				
Chloroform	9.14		"	10.0		91.4	76.6-133				
Chloromethane	5.91		"	10.0		59.1	48.8-115				

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 BL10659 - EPA 5030B											
LCS (BL10659-BS1)							Prepared & Analyzed: 12/15/2011				
cis-1,2-Dichloroethylene	9.05		ug/L	10.0		90.5	75.1-128				
cis-1,3-Dichloropropylene	8.71		"	10.0		87.1	74.5-128				
Dibromochloromethane	9.43		"	10.0		94.3	79.8-134				
Dibromomethane	9.11		"	10.0		91.1	79-130				
Dichlorodifluoromethane	6.80		"	10.0		68.0	47.1-101				
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	11.6		"	10.0		116	64.8-128				
Isopropylbenzene	11.6		"	10.0		116	75.5-135				
Methyl tert-butyl ether (MTBE)	7.78		"	10.0		77.8	65.1-140				
Methylene chloride	5.18		"	10.0		51.8	61.3-120	Low Bias			
Naphthalene	9.92		"	10.0		99.2	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	11.2		"	10.0		112	70.5-127				
o-Xylene	9.96		"	10.0		99.6	75.9-122				
p- & m- Xylenes	21.1		"	20.0		106	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	71.5-125				
Styrene	9.59		"	10.0		95.9	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	11.3		"	10.0		113	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	9.22		"	10.0		92.2	76.3-139				
trans-1,3-Dichloropropylene	8.95		"	10.0		89.5	72.5-137				
Trichloroethylene	10.4		"	10.0		104	77.9-130				
Trichlorofluoromethane	8.86		"	10.0		88.6	57.4-133				
Vinyl Chloride	7.24		"	10.0		72.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.01*		*"*	*10.0*		*90.1*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*71.3-131*				
Surrogate: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*86.7-112*				

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

York Analytical Laboratories, Inc.

Batch BL10659 - EPA 5030B

LCS Dup (BL10659-BSD1) — Prepared & Analyzed: 12/15/2011

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		10.4	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		12.7	19.7	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131		14.8	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129		11.8	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		18.3	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		15.0	20.6	
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146		13.1	20	
1,1-Dichloropropylene	12.4		"	10.0		124	75-136		29.8	19.3	Non-dir.
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136		13.5	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		9.04	23.9	
1,2,4-Trichlorobenzene	11.6		"	10.0		116	70.6-136		8.42	21.7	
1,2,4-Trimethylbenzene	12.5		"	10.0		125	75.3-135		12.3	18.8	
1,2-Dibromo-3-chloropropane	8.69		"	10.0		86.9	58.9-140		4.17	27.7	
1,2-Dibromoethane	11.0		"	10.0		110	79-130		16.0	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		6.35	19.8	
1,2-Dichloroethane	9.07		"	10.0		90.7	74.6-132		15.3	20.2	
1,2-Dichloropropane	11.4		"	10.0		114	76.9-129		12.7	20.7	
1,3,5-Trimethylbenzene	12.3		"	10.0		123	70.6-127		13.0	18.9	
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124		10.1	19.2	
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126		15.7	22.1	
1,4-Dichlorobenzene	11.6		"	10.0		116	76.6-125		9.79	18.6	
2,2-Dichloropropane	11.4		"	10.0		114	69-133		9.38	19.8	
2-Chlorotoluene	11.4		"	10.0		114	66.3-119		13.9	21.6	
2-Hexanone	8.02		"	10.0		80.2	70-130		15.2	30	
4-Chlorotoluene	12.0		"	10.0		120	69.2-127		13.3	19	
Acetone	4.98		"	10.0		49.8	70-130	Low Bias	6.21	30	
Benzene	10.5		"	10.0		105	76.2-129		14.5	19	
Bromobenzene	10.5		"	10.0		105	71.3-123		12.6	20.3	
Bromochloromethane	9.47		"	10.0		94.7	70.8-137		6.77	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		13.0	21	
Bromoform	12.0		"	10.0		120	70.5-141		16.1	21.8	
Bromomethane	9.83		"	10.0		98.3	43.9-147		11.5	28.4	
Carbon tetrachloride	15.2		"	10.0		152	78.1-138	High Bias	26.4	20.1	Non-dir.
Chlorobenzene	11.1		"	10.0		111	80.4-125		12.5	19.9	
Chloroethane	9.00		"	10.0		90.0	55.8-140		10.2	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		12.8	20.3	
Chloromethane	6.67		"	10.0		66.7	48.8-115		12.1	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		12.3	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		16.5	19.9	
Dibromochloromethane	10.9		"	10.0		109	79.8-134		14.3	21.3	
Dibromomethane	11.2		"	10.0		112	79-130		20.2	22.4	
Dichlorodifluoromethane	7.53		"	10.0		75.3	47.1-101		10.2	23.9	
Ethyl Benzene	12.2		"	10.0		122	80.8-128		12.4	19.2	
Hexachlorobutadiene	12.5		"	10.0		125	64.8-128		7.40	20.6	
Isopropylbenzene	13.5		"	10.0		135	75.5-135		14.8	20	
Methyl tert-butyl ether (MTBE)	8.40		"	10.0		84.0	65.1-140		7.66	23.6	
Methylene chloride	6.23		"	10.0		62.3	61.3-120		18.4	20.4	
Naphthalene	11.0		"	10.0		110	62.3-148		10.1	27.1	
n-Butylbenzene	12.4		"	10.0		124	67.2-123	High Bias	14.3	19.1	
n-Propylbenzene	12.7		"	10.0		127	70.5-127		12.4	23.4	
o-Xylene	11.2		"	10.0		112	75.9-122		11.7	19.3	
p- & m- Xylenes	24.2		"	20.0		121	77.7-127		13.4	18.6	
p-Isopropyltoluene	13.0		"	10.0		130	75.6-129	High Bias	13.2	19.1	

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 BL10659 - EPA 5030B											
LCS Dup (BL10659-BSD1)								Prepared & Analyzed: 12/15/2011			
sec-Butylbenzene	12.7		ug/L	10.0		127	71.5-125	High Bias	14.5	18.9	
Styrene	11.0		"	10.0		110	77.8-123		13.3	20.9	
tert-Butylbenzene	12.6		"	10.0		126	75.9-151		11.1	20.9	
Tetrachloroethylene	13.1		"	10.0		131	63.6-167		15.0	27.7	
Toluene	11.8		"	10.0		118	77-123		13.0	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		15.1	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		13.8	19.3	
Trichloroethylene	11.9		"	10.0		119	77.9-130		13.3	20.5	
Trichlorofluoromethane	10.1		"	10.0		101	57.4-133		12.9	21.4	
Vinyl Chloride	8.62		"	10.0		86.2	54.9-124		17.4	22.3	
Surrogate: 1,2-Dichloroethane-d4	*8.86*		*"*	*10.0*		*88.6*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*71.3-131*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*86.7-112*				
Batch BL10660 - EPA 5030B											
Blank (BL10660-BLK1)								Prepared & Analyzed: 12/15/2011			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								

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 BL10660 - EPA 5030B											
Blank (BL10660-BLK1)											
Prepared & Analyzed: 12/15/2011											
Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.0	2.0	"								
Naphthalene	0.54	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*8.51*		*"*	*10.0*		*85.1*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*71.3-131*				
Surrogate: Toluene-d8	*11.2*		*"*	*10.0*		*112*	*86.7-112*				

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 BL10660 - EPA 5030B											
LCS (BL10660-BS1)							Prepared & Analyzed: 12/15/2011				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74		"	10.0		97.4	71.1-129				
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129				
1,1-Dichloroethane	9.72		"	10.0		97.2	79.6-132				
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146				
1,1-Dichloropropylene	10.9		"	10.0		109	75-136				
1,2,3-Trichlorobenzene	9.19		"	10.0		91.9	66.1-136				
1,2,3-Trichloropropane	9.91		"	10.0		99.1	63-131				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135				
1,2-Dibromo-3-chloropropane	9.47		"	10.0		94.7	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122				
1,2-Dichloroethane	9.06		"	10.0		90.6	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	9.96		"	10.0		99.6	75.8-126				
1,4-Dichlorobenzene	10.8		"	10.0		108	76.6-125				
2,2-Dichloropropane	10.4		"	10.0		104	69-133				
2-Chlorotoluene	11.4		"	10.0		114	66.3-119				
2-Hexanone	7.74		"	10.0		77.4	70-130				
4-Chlorotoluene	11.2		"	10.0		112	69.2-127				
Acetone	6.14		"	10.0		61.4	70-130	Low Bias			
Benzene	9.50		"	10.0		95.0	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	9.13		"	10.0		91.3	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	11.3		"	10.0		113	70.5-141				
Bromomethane	13.0		"	10.0		130	43.9-147				
Carbon tetrachloride	12.6		"	10.0		126	78.1-138				
Chlorobenzene	10.6		"	10.0		106	80.4-125				
Chloroethane	8.52		"	10.0		85.2	55.8-140				
Chloroform	9.52		"	10.0		95.2	76.6-133				
Chloromethane	6.92		"	10.0		69.2	48.8-115				
cis-1,2-Dichloroethylene	9.33		"	10.0		93.3	75.1-128				
cis-1,3-Dichloropropylene	9.70		"	10.0		97.0	74.5-128				
Dibromochloromethane	10.4		"	10.0		104	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	6.48		"	10.0		64.8	47.1-101				
Ethyl Benzene	11.5		"	10.0		115	80.8-128				
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128				
Isopropylbenzene	12.2		"	10.0		122	75.5-135				
Methyl tert-butyl ether (MTBE)	7.95		"	10.0		79.5	65.1-140				
Methylene chloride	5.57		"	10.0		55.7	61.3-120	Low Bias			
Naphthalene	8.39		"	10.0		83.9	62.3-148				
n-Butylbenzene	10.7		"	10.0		107	67.2-123				
n-Propylbenzene	11.3		"	10.0		113	70.5-127				
o-Xylene	10.6		"	10.0		106	75.9-122				
p- & m- Xylenes	22.7		"	20.0		113	77.7-127				
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129				

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 BL10660 - EPA 5030B											
LCS (BL10660-BS1)								Prepared & Analyzed: 12/15/2011			
sec-Butylbenzene	11.3		ug/L	10.0		113	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	13.2		"	10.0		132	75.9-151				
Tetrachloroethylene	11.8		"	10.0		118	63.6-167				
Toluene	11.0		"	10.0		110	77-123				
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	76.3-139				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	8.85		"	10.0		88.5	57.4-133				
Vinyl Chloride	8.00		"	10.0		80.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.16*		*"*	*10.0*		*91.6*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*86.7-112*				
LCS Dup (BL10660-BSD1)								Prepared & Analyzed: 12/15/2011			
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		6.30	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		10.3	19.7	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131		10.0	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129		14.2	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		0.486	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		9.78	20.6	
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146		12.5	20	
1,1-Dichloropropylene	12.0		"	10.0		120	75-136		9.17	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		12.5	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		2.20	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		4.61	21.7	
1,2,4-Trimethylbenzene	12.6		"	10.0		126	75.3-135		9.94	18.8	
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	58.9-140		2.46	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		1.03	23	
1,2-Dichlorobenzene	11.1		"	10.0		111	76.1-122		9.61	19.8	
1,2-Dichloroethane	9.63		"	10.0		96.3	74.6-132		6.10	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		7.06	20.7	
1,3,5-Trimethylbenzene	12.7		"	10.0		127	70.6-127		16.6	18.9	
1,3-Dichlorobenzene	11.7		"	10.0		117	77-124		8.29	19.2	
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126		5.37	22.1	
1,4-Dichlorobenzene	11.8		"	10.0		118	76.6-125		8.92	18.6	
2,2-Dichloropropane	11.3		"	10.0		113	69-133		8.12	19.8	
2-Chlorotoluene	12.1		"	10.0		121	66.3-119	High Bias	5.96	21.6	
2-Hexanone	7.99		"	10.0		79.9	70-130		3.18	30	
4-Chlorotoluene	12.1		"	10.0		121	69.2-127		8.24	19	
Acetone	5.54		"	10.0		55.4	70-130	Low Bias	10.3	30	
Benzene	10.3		"	10.0		103	76.2-129		8.27	19	
Bromobenzene	11.1		"	10.0		111	71.3-123		6.24	20.3	
Bromochloromethane	9.88		"	10.0		98.8	70.8-137		7.89	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		3.66	21	
Bromoform	12.3		"	10.0		123	70.5-141		7.88	21.8	
Bromomethane	14.3		"	10.0		143	43.9-147		9.70	28.4	
Carbon tetrachloride	14.4		"	10.0		144	78.1-138	High Bias	12.8	20.1	
Chlorobenzene	11.3		"	10.0		113	80.4-125		6.13	19.9	
Chloroethane	9.79		"	10.0		97.9	55.8-140		13.9	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		7.09	20.3	
Chloromethane	7.86		"	10.0		78.6	48.8-115		12.7	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		11.1	20.5	

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 BL10660 - EPA 5030B											
LCS Dup (BL10660-BSD1)							Prepared & Analyzed: 12/15/2011				
cis-1,3-Dichloropropylene	10.4		ug/L	10.0		104	74.5-128		7.35	19.9	
Dibromochloromethane	11.1		"	10.0		111	79.8-134		6.81	21.3	
Dibromomethane	11.2		"	10.0		112	79-130		5.90	22.4	
Dichlorodifluoromethane	7.52		"	10.0		75.2	47.1-101		14.9	23.9	
Ethyl Benzene	12.1		"	10.0		121	80.8-128		5.60	19.2	
Hexachlorobutadiene	11.6		"	10.0		116	64.8-128		4.96	20.6	
Isopropylbenzene	13.6		"	10.0		136	75.5-135	High Bias	10.6	20	
Methyl tert-butyl ether (MTBE)	8.54		"	10.0		85.4	65.1-140		7.16	23.6	
Methylene chloride	6.22		"	10.0		62.2	61.3-120		11.0	20.4	
Naphthalene	9.69		"	10.0		96.9	62.3-148		14.4	27.1	
n-Butylbenzene	12.2		"	10.0		122	67.2-123		12.4	19.1	
n-Propylbenzene	12.4		"	10.0		124	70.5-127		9.70	23.4	
o-Xylene	11.0		"	10.0		110	75.9-122		3.99	19.3	
p- & m- Xylenes	24.0		"	20.0		120	77.7-127		5.57	18.6	
p-Isopropyltoluene	12.6		"	10.0		126	75.6-129		9.63	19.1	
sec-Butylbenzene	12.3		"	10.0		123	71.5-125		8.47	18.9	
Styrene	11.1		"	10.0		111	77.8-123		7.78	20.9	
tert-Butylbenzene	14.4		"	10.0		144	75.9-151		9.05	20.9	
Tetrachloroethylene	13.0		"	10.0		130	63.6-167		9.35	27.7	
Toluene	11.8		"	10.0		118	77-123		6.82	18.7	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	76.3-139		12.2	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		4.77	19.3	
Trichloroethylene	12.1		"	10.0		121	77.9-130		11.8	20.5	
Trichlorofluoromethane	10.1		"	10.0		101	57.4-133		12.9	21.4	
Vinyl Chloride	9.36		"	10.0		93.6	54.9-124		15.7	22.3	
Surrogate: 1,2-Dichloroethane-d4	*8.87*		*"*	*10.0*		*88.7*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*71.3-131*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*86.7-112*				

Metals by EPA 6000 Series Methods - 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 BL10627 - EPA 3010A											
Blank (BL10627-BLK1)								Prepared & Analyzed: 12/14/2011			
Iron	ND	0.0100	mg/L								
Reference (BL10627-SRM1)								Prepared & Analyzed: 12/14/2011			
Iron	0.618	0.0100	mg/L	0.589		105	87.9-113				

Metals by EPA 200 Series Methods - 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 BL10627 - EPA 3010A											
Blank (BL10627-BLK1)								Prepared & Analyzed: 12/14/2011			
Iron	ND	0.0100	mg/L								
Reference (BL10627-SRM1)								Prepared & Analyzed: 12/14/2011			
Iron	0.618	0.0100	mg/L	0.589		105	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - 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 BL10534 - % Solids Prep											
Blank (BL10534-BLK1)									Prepared: 12/13/2011 Analyzed: 12/14/2011		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BL10534-DUP1)	*Source sample: 11L0395-01 (WQ12611:1100NP2-10)								Prepared: 12/13/2011 Analyzed: 12/14/2011		
Total Dissolved Solids	155	1.00	mg/L		150				3.28	15	

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.
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. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 11L0394

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day ___	Summary X, pdf
Address: 4 Research Drive, Suite 301, Shelton CT 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day ___	QA/QC Summary X, pdf
	Company: Same	Company: Same		RUSH Two Day ___	CT RCP Pkg ___
Phone no.: 203-929-8555	Address: ___	Address: ___	Purchase Order no.	RUSH Three Day ___	ASP A Pkg ___
Contact Person Tunde Sandor			NABSAG	RUSH Four Day ___	ASP B Pkg NP2-10 only, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail: ___	E-mail Mgoldberg@lbgct.com		Standard (5-7 days) X	Excel ___
FAX No.: 203-926-9140	Fax No.: ___	Fax No.: ___	Samples from: CT__ NY X NJ__	OTHER	EDD X, Excel

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

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

Special Instructions
Field Filtered [ ]
Lab to Filter [ ]

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ12611: 1050NR2-6	12/6/11 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ12611: 1055NR2-7	" 1055	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ12611: 1100NR2-10	" 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2V 3P

Comments

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

Samples Relinquished By — Date/Time: 12/8/11 1137
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 12/8/11 1137
Samples Received in LAB by — Date/Time: 12/8/11 1545

Temperature on Receipt: 4.9 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 11L0395

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day ___	Summary X, pdf
Address: 4 Research Drive, Suite 301, Shelton CT 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day ___	QA/QC Summary X, pdf
	Company: Same	Company: Same		RUSH Two Day ___	CT RCP Pkg ___
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day ___	ASP A Pkg ___
Contact Person Tunde Sandor			NABSAG	RUSH Four Day ___	ASP B Pkg NP2-10 only, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail Mgoldberg@lbgct.com		Standard (5-7 days) X	Excel ___
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY X NJ__	OTHER	EDD X, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
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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	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360 Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Sc, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Au, 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)
WG12611: 1050N12-6	12/6/11 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2x 2P
WG12611: 1055N12-7	1055	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2x 2P
WG12611: 1100N12-10	1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2x 3P

Comments

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

Samples Relinquished By — Date/Time: 12/8/11 1137
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 12/8/11 1137
Samples Received in LAB by — Date/Time: 12/8/11 1545

Temperature on Receipt: 4.9 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 12/27/2011
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0625

Report Date: 12/27/2011
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0625

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 15, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0625-01	WQ121311:1120NP2-6	Water	12/13/2011	12/15/2011
11L0625-02	WQ121311:1125NP2-7	Water	12/13/2011	12/15/2011
11L0626-01	WQ121311:1130NP2-10	Water	12/13/2011	12/15/2011

General Notes for York Project (SDG) No.: 11L0625

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

Approved By:  **Date:** 12/27/2011

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ121311:1120NP2-6 **York Sample ID:** 11L0625-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:20 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
71-55-6	**1,1,1-Trichloroethane**	**0.86**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-34-3	**1,1-Dichloroethane**	**0.38**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
67-64-1	**Acetone**	**1.2**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS

Sample Information

Client Sample ID: **WQ121311:1120NP2-6** **York Sample ID:** **11L0625-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:20 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
67-66-3	**Chloroform**	**0.16**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.11**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-09-2	**Methylene chloride**	**0.27**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
91-20-3	**Naphthalene**	**0.70**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
127-18-4	**Tetrachloroethylene**	**2.6**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
79-01-6	**Trichloroethylene**	**0.23**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/22/2011 21:36	12/22/2011 21:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*89.6 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*86.7-112*

Sample Information

Client Sample ID: WQ121311:1120NP2-6 **York Sample ID:** 11L0625-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:20 am	12/15/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.109**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/19/2011 15:22	12/19/2011 17:31	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.80**		mg/L	0.00550	0.0100	1	EPA 200.7	12/19/2011 15:22	12/20/2011 16:56	MW

Sample Information

Client Sample ID: WQ121311:1125NP2-7 **York Sample ID:** 11L0625-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:25 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS

Sample Information

Client Sample ID: **WQ121311:1125NP2-7** **York Sample ID:** **11L0625-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:25 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-09-2	**Methylene chloride**	**0.31**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
91-20-3	**Naphthalene**	**0.32**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS

Sample Information

Client Sample ID: WQ121311:1125NP2-7 **York Sample ID:** 11L0625-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0625	Rowe Industries	Water	December 13, 2011 11:25 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/22/2011 22:19	12/22/2011 22:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.0 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*86.7-112*

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.115**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/19/2011 15:22	12/19/2011 17:41	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.46**		mg/L	0.00550	0.0100	1	EPA 200.7	12/19/2011 15:22	12/20/2011 17:01	MW

Sample Information

Client Sample ID: WQ121311:1130NP2-10 **York Sample ID:** 11L0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0626	Rowe Industries	Water	December 13, 2011 11:30 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS

Sample Information

Client Sample ID: WQ121311:1130NP2-10 **York Sample ID:** 11L0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0626	Rowe Industries	Water	December 13, 2011 11:30 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
67-64-1	**Acetone**	**1.6**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS

Sample Information

Client Sample ID: WQ121311:1130NP2-10 **York Sample ID:** 11L0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0626	Rowe Industries	Water	December 13, 2011 11:30 am	12/15/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-09-2	**Methylene chloride**	**0.35**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
91-20-3	**Naphthalene**	**1.1**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/22/2011 09:18	12/22/2011 09:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*86.8 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*86.7-112*

Sample Information

Client Sample ID: WQ121311:1130NP2-10 **York Sample ID:** 11L0626-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0626	Rowe Industries	Water	December 13, 2011 11:30 am	12/15/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0337**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/19/2011 15:22	12/19/2011 17:50	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.17**		mg/L	0.00550	0.0100	1	EPA 200.7	12/19/2011 15:22	12/20/2011 16:39	MW

Total Dissolved Solids

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**100**		mg/L	1.00	1.00	1	SM 2540C	12/20/2011 13:32	12/20/2011 13:32	AMC

Analytical Batch Summary

Batch ID: BL10758 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
11L0626-01	WQ121311:1130NP2-10	12/20/11
BL10758-BLK1	Blank	12/20/11
BL10758-DUP1	Duplicate	12/20/11

Batch ID: BL10797 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11L0625-01	WQ121311:1120NP2-6	12/19/11
11L0625-01	WQ121311:1120NP2-6	12/19/11
11L0625-02	WQ121311:1125NP2-7	12/19/11
11L0625-02	WQ121311:1125NP2-7	12/19/11
11L0626-01	WQ121311:1130NP2-10	12/19/11
11L0626-01	WQ121311:1130NP2-10	12/19/11
BL10797-BLK1	Blank	12/19/11
BL10797-BLK1	Blank	12/19/11
BL10797-DUP1	Duplicate	12/19/11
BL10797-DUP1	Duplicate	12/19/11
BL10797-MS1	Matrix Spike	12/19/11
BL10797-MS1	Matrix Spike	12/19/11
BL10797-SRM1	Reference	12/19/11
BL10797-SRM1	Reference	12/19/11

Batch ID: BL10925 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0626-01	WQ121311:1130NP2-10	12/22/11
BL10925-BLK1	Blank	12/22/11
BL10925-BS1	LCS	12/21/11
BL10925-BSD1	LCS Dup	12/22/11

Batch ID: BL10975 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0625-01	WQ121311:1120NP2-6	12/22/11
11L0625-02	WQ121311:1125NP2-7	12/22/11
BL10975-BLK1	Blank	12/22/11
BL10975-BS1	LCS	12/22/11
BL10975-BSD1	LCS Dup	12/22/11

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 BL10925 - EPA 5030B											
Blank (BL10925-BLK1)											Prepared & Analyzed: 12/22/2011
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.62	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.50	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	4.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.4	2.0	"								
Naphthalene	2.6	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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 BL10925 - EPA 5030B											
Blank (BL10925-BLK1)								Prepared & Analyzed: 12/22/2011			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.20*		*"*	*10.0*		*92.0*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*71.3-131*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*86.7-112*				
LCS (BL10925-BS1)								Prepared & Analyzed: 12/21/2011			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130				
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137				
1,1,2,2-Tetrachloroethane	9.44		"	10.0		94.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129				
1,1,2-Trichloroethane	9.51		"	10.0		95.1	74.5-129				
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132				
1,1-Dichloroethylene	9.87		"	10.0		98.7	80.2-146				
1,1-Dichloropropylene	13.4		"	10.0		134	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	9.22		"	10.0		92.2	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	58.9-140				
1,2-Dibromoethane	9.58		"	10.0		95.8	79-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	76.1-122				
1,2-Dichloroethane	8.64		"	10.0		86.4	74.6-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	9.48		"	10.0		94.8	77-124				
1,3-Dichloropropane	9.72		"	10.0		97.2	75.8-126				
1,4-Dichlorobenzene	9.68		"	10.0		96.8	76.6-125				
2,2-Dichloropropane	8.87		"	10.0		88.7	69-133				
2-Chlorotoluene	9.65		"	10.0		96.5	66.3-119				
2-Hexanone	9.82		"	10.0		98.2	70-130				
4-Chlorotoluene	9.85		"	10.0		98.5	69.2-127				
Acetone	9.08		"	10.0		90.8	70-130				
Benzene	9.57		"	10.0		95.7	76.2-129				
Bromobenzene	9.53		"	10.0		95.3	71.3-123				
Bromochloromethane	9.34		"	10.0		93.4	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	9.56		"	10.0		95.6	70.5-141				
Bromomethane	8.52		"	10.0		85.2	43.9-147				
Carbon tetrachloride	15.1		"	10.0		151	78.1-138	High Bias			
Chlorobenzene	9.70		"	10.0		97.0	80.4-125				
Chloroethane	8.87		"	10.0		88.7	55.8-140				
Chloroform	9.69		"	10.0		96.9	76.6-133				
Chloromethane	6.09		"	10.0		60.9	48.8-115				

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 BL10925 - EPA 5030B											
LCS (BL10925-BS1)								Prepared & Analyzed: 12/21/2011			
cis-1,2-Dichloroethylene	9.27		ug/L	10.0		92.7	75.1-128				
cis-1,3-Dichloropropylene	9.11		"	10.0		91.1	74.5-128				
Dibromochloromethane	9.43		"	10.0		94.3	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	6.18		"	10.0		61.8	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128				
Isopropylbenzene	11.0		"	10.0		110	75.5-135				
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	65.1-140				
Methylene chloride	5.83		"	10.0		58.3	61.3-120	Low Bias			
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	9.74		"	10.0		97.4	75.9-122				
p- & m- Xylenes	20.7		"	20.0		103	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.27		"	10.0		92.7	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	11.8		"	10.0		118	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	9.73		"	10.0		97.3	76.3-139				
trans-1,3-Dichloropropylene	9.19		"	10.0		91.9	72.5-137				
Trichloroethylene	9.98		"	10.0		99.8	77.9-130				
Trichlorofluoromethane	9.30		"	10.0		93.0	57.4-133				
Vinyl Chloride	7.79		"	10.0		77.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*71.3-131*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*86.7-112*				

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 BL10925 - EPA 5030B											
LCS Dup (BL10925-BSD1)							Prepared & Analyzed: 12/22/2011				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		8.00	21.1	
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137		6.41	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		14.4	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129		6.57	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		9.61	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		6.23	20.6	
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146		8.63	20	
1,1-Dichloropropylene	15.2		"	10.0		152	75-136	High Bias	12.2	19.3	
1,2,3-Trichlorobenzene	11.3		"	10.0		113	66.1-136		11.6	21.6	
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131		13.9	23.9	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70.6-136		14.9	21.7	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135		8.92	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		7.46	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		11.7	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		12.5	19.8	
1,2-Dichloroethane	9.49		"	10.0		94.9	74.6-132		9.38	20.2	
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129		8.99	20.7	
1,3,5-Trimethylbenzene	12.6		"	10.0		126	70.6-127		19.7	18.9	Non-dir.
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124		10.0	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		9.13	22.1	
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125		12.7	18.6	
2,2-Dichloropropane	9.22		"	10.0		92.2	69-133		3.87	19.8	
2-Chlorotoluene	11.0		"	10.0		110	66.3-119		12.6	21.6	
2-Hexanone	10.2		"	10.0		102	70-130		3.60	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		13.2	19	
Acetone	8.37		"	10.0		83.7	70-130		8.14	30	
Benzene	10.4		"	10.0		104	76.2-129		8.22	19	
Bromobenzene	10.7		"	10.0		107	71.3-123		11.2	20.3	
Bromochloromethane	10.3		"	10.0		103	70.8-137		10.2	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		11.4	21	
Bromoform	11.2		"	10.0		112	70.5-141		15.9	21.8	
Bromomethane	8.95		"	10.0		89.5	43.9-147		4.92	28.4	
Carbon tetrachloride	16.3		"	10.0		163	78.1-138	High Bias	7.85	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		9.71	19.9	
Chloroethane	8.95		"	10.0		89.5	55.8-140		0.898	23.3	
Chloroform	10.5		"	10.0		105	76.6-133		8.40	20.3	
Chloromethane	6.37		"	10.0		63.7	48.8-115		4.49	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		7.78	20.5	
cis-1,3-Dichloropropylene	9.81		"	10.0		98.1	74.5-128		7.40	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		12.2	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		8.56	22.4	
Dichlorodifluoromethane	6.71		"	10.0		67.1	47.1-101		8.22	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		7.91	19.2	
Hexachlorobutadiene	11.4		"	10.0		114	64.8-128		11.6	20.6	
Isopropylbenzene	12.3		"	10.0		123	75.5-135		11.3	20	
Methyl tert-butyl ether (MTBE)	9.62		"	10.0		96.2	65.1-140		7.22	23.6	
Methylene chloride	6.20		"	10.0		62.0	61.3-120		6.15	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		10.2	27.1	
n-Butylbenzene	11.5		"	10.0		115	67.2-123		11.5	19.1	
n-Propylbenzene	11.8		"	10.0		118	70.5-127		10.4	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		8.64	19.3	
p- & m- Xylenes	22.7		"	20.0		113	77.7-127		9.23	18.6	
p-Isopropyltoluene	11.8		"	10.0		118	75.6-129		10.1	19.1	

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 BL10925 - EPA 5030B											
LCS Dup (BL10925-BSD1)								Prepared & Analyzed: 12/22/2011			
sec-Butylbenzene	11.5		ug/L	10.0		115	71.5-125		9.58	18.9	
Styrene	10.4		"	10.0		104	77.8-123		11.8	20.9	
tert-Butylbenzene	12.6		"	10.0		126	75.9-151		11.3	20.9	
Tetrachloroethylene	12.2		"	10.0		122	63.6-167		3.17	27.7	
Toluene	11.1		"	10.0		111	77-123		8.14	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		4.52	19.5	
trans-1,3-Dichloropropylene	9.83		"	10.0		98.3	72.5-137		6.73	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		9.27	20.5	
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133		9.91	21.4	
Vinyl Chloride	8.18		"	10.0		81.8	54.9-124		4.88	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*86.7-112*				
Batch BL10975 - EPA 5030B											
Blank (BL10975-BLK1)								Prepared & Analyzed: 12/22/2011			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								

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 BL10975 - EPA 5030B											
Blank (BL10975-BLK1)											
Prepared & Analyzed: 12/22/2011											
Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.3	2.0	"								
Naphthalene	2.1	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.13*		*"*	*10.0*		*91.3*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*71.3-131*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*86.7-112*				

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 BL10975 - EPA 5030B											
LCS (BL10975-BS1)							Prepared & Analyzed: 12/22/2011				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	71.1-129				
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129				
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132				
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146				
1,1-Dichloropropylene	12.0		"	10.0		120	75-136				
1,2,3-Trichlorobenzene	11.5		"	10.0		115	66.1-136				
1,2,3-Trichloropropane	9.89		"	10.0		98.9	63-131				
1,2,4-Trichlorobenzene	12.1		"	10.0		121	70.6-136				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	75.3-135				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140				
1,2-Dibromoethane	11.4		"	10.0		114	79-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	76.1-122				
1,2-Dichloroethane	9.92		"	10.0		99.2	74.6-132				
1,2-Dichloropropane	11.1		"	10.0		111	76.9-129				
1,3,5-Trimethylbenzene	11.4		"	10.0		114	70.6-127				
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124				
1,3-Dichloropropane	10.7		"	10.0		107	75.8-126				
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125				
2,2-Dichloropropane	9.98		"	10.0		99.8	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	11.0		"	10.0		110	70-130				
4-Chlorotoluene	11.2		"	10.0		112	69.2-127				
Acetone	7.38		"	10.0		73.8	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	10.2		"	10.0		102	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	11.3		"	10.0		113	79.7-134				
Bromoform	10.8		"	10.0		108	70.5-141				
Bromomethane	8.17		"	10.0		81.7	43.9-147				
Carbon tetrachloride	14.3		"	10.0		143	78.1-138	High Bias			
Chlorobenzene	10.6		"	10.0		106	80.4-125				
Chloroethane	9.74		"	10.0		97.4	55.8-140				
Chloroform	10.6		"	10.0		106	76.6-133				
Chloromethane	7.53		"	10.0		75.3	48.8-115				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128				
cis-1,3-Dichloropropylene	9.93		"	10.0		99.3	74.5-128				
Dibromochloromethane	10.5		"	10.0		105	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	8.30		"	10.0		83.0	47.1-101				
Ethyl Benzene	11.7		"	10.0		117	80.8-128				
Hexachlorobutadiene	11.4		"	10.0		114	64.8-128				
Isopropylbenzene	12.1		"	10.0		121	75.5-135				
Methyl tert-butyl ether (MTBE)	9.94		"	10.0		99.4	65.1-140				
Methylene chloride	6.85		"	10.0		68.5	61.3-120				
Naphthalene	13.2		"	10.0		132	62.3-148				
n-Butylbenzene	11.6		"	10.0		116	67.2-123				
n-Propylbenzene	11.5		"	10.0		115	70.5-127				
o-Xylene	10.8		"	10.0		108	75.9-122				
p- & m- Xylenes	23.1		"	20.0		115	77.7-127				
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129				

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 BL10975 - EPA 5030B											
LCS (BL10975-BS1)								Prepared & Analyzed: 12/22/2011			
sec-Butylbenzene	11.3		ug/L	10.0		113	71.5-125				
Styrene	10.8		"	10.0		108	77.8-123				
tert-Butylbenzene	11.7		"	10.0		117	75.9-151				
Tetrachloroethylene	12.2		"	10.0		122	63.6-167				
Toluene	11.2		"	10.0		112	77-123				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	11.1		"	10.0		111	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	8.71		"	10.0		87.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.10*		*"*	*10.0*		*91.0*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*71.3-131*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*86.7-112*				
LCS Dup (BL10975-BSD1)								Prepared & Analyzed: 12/22/2011			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		1.18	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		1.65	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		2.23	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	71.1-129		7.70	21.7	
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129		2.63	20.3	
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132		4.35	20.6	
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146		0.972	20	
1,1-Dichloropropylene	10.7		"	10.0		107	75-136		11.8	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		2.72	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		4.64	23.9	
1,2,4-Trichlorobenzene	11.6		"	10.0		116	70.6-136		4.13	21.7	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135		3.32	18.8	
1,2-Dibromo-3-chloropropane	9.50		"	10.0		95.0	58.9-140		9.05	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		5.52	23	
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122		1.14	19.8	
1,2-Dichloroethane	9.60		"	10.0		96.0	74.6-132		3.28	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		0.359	20.7	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	70.6-127		0.614	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		2.14	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		0.376	22.1	
1,4-Dichlorobenzene	10.7		"	10.0		107	76.6-125		2.21	18.6	
2,2-Dichloropropane	9.87		"	10.0		98.7	69-133		1.11	19.8	
2-Chlorotoluene	10.7		"	10.0		107	66.3-119		0.375	21.6	
2-Hexanone	10.3		"	10.0		103	70-130		6.68	30	
4-Chlorotoluene	11.0		"	10.0		110	69.2-127		1.26	19	
Acetone	8.43		"	10.0		84.3	70-130		13.3	30	
Benzene	10.5		"	10.0		105	76.2-129		1.63	19	
Bromobenzene	10.4		"	10.0		104	71.3-123		1.17	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		1.36	23.9	
Bromodichloromethane	11.3		"	10.0		113	79.7-134		0.265	21	
Bromoform	10.9		"	10.0		109	70.5-141		1.10	21.8	
Bromomethane	9.03		"	10.0		90.3	43.9-147		10.0	28.4	
Carbon tetrachloride	13.4		"	10.0		134	78.1-138		6.50	20.1	
Chlorobenzene	10.4		"	10.0		104	80.4-125		1.53	19.9	
Chloroethane	10.6		"	10.0		106	55.8-140		8.27	23.3	
Chloroform	10.7		"	10.0		107	76.6-133		0.846	20.3	
Chloromethane	7.59		"	10.0		75.9	48.8-115		0.794	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		2.76	20.5	

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 BL10975 - EPA 5030B											
LCS Dup (BL10975-BSD1)							Prepared & Analyzed: 12/22/2011				
cis-1,3-Dichloropropylene	9.70		ug/L	10.0		97.0	74.5-128		2.34	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		2.31	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		1.84	22.4	
Dichlorodifluoromethane	8.50		"	10.0		85.0	47.1-101		2.38	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		0.686	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		2.04	20.6	
Isopropylbenzene	11.8		"	10.0		118	75.5-135		2.34	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		2.09	23.6	
Methylene chloride	7.08		"	10.0		70.8	61.3-120		3.30	20.4	
Naphthalene	13.0		"	10.0		130	62.3-148		1.15	27.1	
n-Butylbenzene	11.8		"	10.0		118	67.2-123		2.22	19.1	
n-Propylbenzene	11.5		"	10.0		115	70.5-127		0.260	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		1.69	19.3	
p- & m- Xylenes	23.0		"	20.0		115	77.7-127		0.348	18.6	
p-Isopropyltoluene	11.6		"	10.0		116	75.6-129		0.691	19.1	
sec-Butylbenzene	11.3		"	10.0		113	71.5-125		0.620	18.9	
Styrene	10.6		"	10.0		106	77.8-123		1.50	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		3.04	20.9	
Tetrachloroethylene	12.5		"	10.0		125	63.6-167		2.19	27.7	
Toluene	11.3		"	10.0		113	77-123		0.356	18.7	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		3.98	19.5	
trans-1,3-Dichloropropylene	9.98		"	10.0		99.8	72.5-137		1.79	19.3	
Trichloroethylene	11.2		"	10.0		112	77.9-130		1.17	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		4.32	21.4	
Vinyl Chloride	9.57		"	10.0		95.7	54.9-124		9.41	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.17*		*"*	*10.0*		*91.7*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*71.3-131*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*86.7-112*				

Metals by EPA 6000 Series Methods - 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 BL10797 - EPA 3010A											
Blank (BL10797-BLK1)								Prepared & Analyzed: 12/19/2011			
Iron	ND	0.0100	mg/L								
Duplicate (BL10797-DUP1)	*Source sample: 11L0626-01 (WQ121311:1130NP2-10)							Prepared & Analyzed: 12/19/2011			
Iron	0.0270	0.0100	mg/L		0.0337				22.1	20	Non-dir.
Matrix Spike (BL10797-MS1)	*Source sample: 11L0626-01 (WQ121311:1130NP2-10)							Prepared & Analyzed: 12/19/2011			
Iron	1.14	0.0100	mg/L	1.00	0.0337	110	75-125				
Reference (BL10797-SRM1)								Prepared & Analyzed: 12/19/2011			
Iron	0.622	0.0100	mg/L	0.589		106	87.9-113				

Metals by EPA 200 Series Methods - 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 BL10797 - EPA 3010A											
Blank (BL10797-BLK1)								Prepared: 12/19/2011 Analyzed: 12/20/2011			
Iron	ND	0.0100	mg/L								
Duplicate (BL10797-DUP1)	*Source sample: 11L0626-01 (WQ121311:1130NP2-10)							Prepared: 12/19/2011 Analyzed: 12/20/2011			
Iron	2.14	0.0100	mg/L		2.17				1.20	20	
Matrix Spike (BL10797-MS1)	*Source sample: 11L0626-01 (WQ121311:1130NP2-10)							Prepared: 12/19/2011 Analyzed: 12/20/2011			
Iron	3.18	0.0100	mg/L	1.00	2.17	101	75-125				
Reference (BL10797-SRM1)								Prepared: 12/19/2011 Analyzed: 12/20/2011			
Iron	0.632	0.0100	mg/L	0.589		107	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - 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 BL10758 - % Solids Prep											
Blank (BL10758-BLK1)								Prepared & Analyzed: 12/20/2011			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BL10758-DUP1)	*Source sample: 11L0626-01 (WQ121311:1130NP2-10)							Prepared & Analyzed: 12/20/2011			
Total Dissolved Solids	95.0	1.00	mg/L		100				5.13	15	

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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.
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. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 11L0625

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day	Summary X, pdf
Address: 4 Research Drive, Suite 301, Shelton CT 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary X, pdf
	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	**Purchase Order no.**	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg NP2-10 only, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail Mgoldberg@lbgct.cor		Standard (5-7 days) X	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY X NJ__	OTHER	EDD X, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ121311:1120NP2-6	12/13/11 1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq) (SM 2540B)~~ / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ121311:1125NP2-7	↓ 1125	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq) (SM 2540B)~~ / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ121311:1130NP2-10	↓ 1130	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq) (SM 2540B)~~ / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2V 3P

Comments

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
LBG Fridge	12-15-11 12pm	[signature]	12-15-11 12pm
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	12/15/11-1350

Temperature on Receipt: 4.9 °C

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. 112062 6

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day ___	Summary X, pdf
Address: 4 Research Drive, Suite 301, Shelton CT 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day ___	QA/QC Summary X, pdf
	Company: Same	Company: Same		RUSH Two Day ___	CT RCP Pkg ___
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day ___	ASP A Pkg ___
Contact Person Tunde Sandor			NABSAG	RUSH Four Day ___	ASP B Pkg NP2-10 only, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail Mgoldberg@lbgct.com		Standard (5-7 days) X	Excel ___
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from:CT__NY X_NJ__	OTHER	EDD X, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters			Special Instructions
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color	Field Filtered ☐
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols	Lab to Filter ☐
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T	
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A	
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5	
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5	
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28	
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded Re-Evaluation	BTU/lb.	Tot. Phos.	COD	
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS	
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids	
App.IX	502.2	SPLP or TCLP	608 Pest	Sc, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS	
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Hclgun	TAGM	Silica	MBAS	TPH-IR	

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WG121311-1120NP2-6	12/13/11	1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WG121311-1125NP2-7		1125	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WG121311-1130NP2-10		1130	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / ~~Total Solids (Aq)~~ (~~SM 2540B~~) / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2V 3P

Comments

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

				Temperature on Receipt
LBG Fridge	12-15-11 12pm	K Baker	12-15-11 12pm	4.9 °C
Samples Relinquished By	Date/Time	Samples Received By	Date/Time	
			12/15/11 1350	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0950

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0950

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 28, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0950-01	AQ122711:1130NP4-1	Vapor Extraction	12/27/2011	12/28/2011
11L0950-02	AQ122711:1135NP4-2	Vapor Extraction	12/27/2011	12/28/2011
11L0950-03	AQ122711:1140NP4-3	Vapor Extraction	12/27/2011	12/28/2011

General Notes for York Project (SDG) No.: 11L0950

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

Approved By: 

Date: 01/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ122711:1130NP4-1 **York Sample ID:** 11L0950-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**17**		ug/m³	0.17	0.92	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.28	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.090	1.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.23	0.92	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-34-3	**1,1-Dichloroethane**	**8.1**		ug/m³	0.082	0.68	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.28	1.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-63-6	**1,2,4-Trimethylbenzene**	**5.8**		ug/m³	0.099	4.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.25	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.16	0.68	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.17	0.78	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.20	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.18	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.22	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.55	6.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
540-84-1	**2,2,4-Trimethylpentane**	**3.0**		ug/m³	0.095	0.79	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
78-93-3	**2-Butanone**	**4.5**		ug/m³	0.20	0.50	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
591-78-6	2-Hexanone	ND		ug/m³	0.38	1.4	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.095	5.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.25	0.69	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-64-1	**Acetone**	**14**		ug/m³	0.12	0.40	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
71-43-2	**Benzene**	**5.2**		ug/m³	0.081	0.54	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.10	0.87	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.25	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-25-2	Bromoform	ND		ug/m³	0.31	1.7	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
74-83-9	Bromomethane	ND		ug/m³	0.079	0.65	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-15-0	**Carbon disulfide**	**5.3**		ug/m³	0.063	0.53	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.53	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.78	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-00-3	Chloroethane	ND		ug/m³	0.053	0.44	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-66-3	**Chloroform**	**3.1**		ug/m³	0.12	0.82	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
74-87-3	Chloromethane	ND		ug/m³	0.10	0.35	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
156-59-2	**cis-1,2-Dichloroethylene**	**3.2**		ug/m³	0.11	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD

Sample Information

Client Sample ID: **AQ122711:1130NP4-1** **York Sample ID:** **11L0950-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.19	0.77	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
110-82-7	**Cyclohexane**	**3.1**		ug/m³	0.070	0.58	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.21	0.83	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.15	0.61	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.13	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.32	1.8	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-63-0	Isopropanol	ND		ug/m³	0.15	0.41	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.073	0.61	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-09-2	**Methylene chloride**	**3.3**	B	ug/m³	0.14	0.59	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
142-82-5	**n-Heptane**	**7.0**		ug/m³	0.083	0.69	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
110-54-3	**n-Hexane**	**16**		ug/m³	0.071	0.59	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-47-6	**o-Xylene**	**6.2**		ug/m³	0.13	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
1330-20-7P/M	**p- & m- Xylenes**	**19**		ug/m³	0.25	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
622-96-8	**p-Ethyltoluene**	**5.8**		ug/m³	0.15	4.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
115-07-01	Propylene	ND		ug/m³	0.13	0.29	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.72	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
127-18-4	**Tetrachloroethylene**	**48**		ug/m³	0.14	1.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
109-99-9	**Tetrahydrofuran**	**8.9**		ug/m³	0.12	0.50	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-88-3	**Toluene**	**74**		ug/m³	0.15	0.64	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.080	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.77	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-01-6	**Trichloroethylene**	**3.8**		ug/m³	0.11	0.45	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.057	0.95	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.089	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.11	0.74	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.86	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**14**		ug/m³	0.34	1.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.57	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.19	2.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	1.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-34-3	**1,1-Dichloroethane**	**9.5**		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.21	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.57	2.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.21	8.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.34	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.41	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.22	3.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.23	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.38	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.46	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	13	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.20	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.41	1.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
591-78-6	2-Hexanone	ND		ug/m³	0.79	2.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.20	11	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.51	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-64-1	**Acetone**	**8.7**		ug/m³	0.26	0.83	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
71-43-2	**Benzene**	**5.3**		ug/m³	0.17	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.22	1.8	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	2.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-25-2	Bromoform	ND		ug/m³	0.65	3.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
74-83-9	Bromomethane	ND		ug/m³	0.16	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-15-0	**Carbon disulfide**	**5.9**		ug/m³	0.13	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.29	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-00-3	Chloroethane	ND		ug/m³	0.11	0.92	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-66-3	Chloroform	ND		ug/m³	0.26	1.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
74-87-3	Chloromethane	ND		ug/m³	0.22	0.72	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.23	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**3.0**		ug/m³	0.14	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.43	1.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.31	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-41-4	**Ethyl Benzene**	**4.8**		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.67	3.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-63-0	Isopropanol	ND		ug/m³	0.30	0.86	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.15	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-09-2	**Methylene chloride**	**4.5**	B	ug/m³	0.29	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
142-82-5	**n-Heptane**	**6.1**		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
110-54-3	**n-Hexane**	**16**		ug/m³	0.15	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-47-6	o-Xylene	ND		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
1330-20-7P/M	**p- & m- Xylenes**	**3.6**		ug/m³	0.51	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.31	8.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
115-07-01	Propylene	ND		ug/m³	0.28	0.60	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-42-5	Styrene	ND		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
127-18-4	**Tetrachloroethylene**	**240**		ug/m³	0.28	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
109-99-9	**Tetrahydrofuran**	**8.5**		ug/m³	0.26	1.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-88-3	**Toluene**	**48**		ug/m³	0.32	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.28	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-01-6	**Trichloroethylene**	**5.8**		ug/m³	0.22	0.94	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.12	2.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.18	2.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.23	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.8	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*70-130*

Sample Information

Client Sample ID: **AQ122711:1140NP4-3** **York Sample ID:** **11L0950-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: AQ122711:1140NP4-3 **York Sample ID:** 11L0950-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.85	4.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	5.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.46	6.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	4.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.52	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	6.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.51	21	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.84	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.88	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	6.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.55	8.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.56	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.94	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
123-91-1	1,4-Dioxane	ND		ug/m³	2.8	31	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.49	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
78-93-3	2-Butanone	ND		ug/m³	1.0	2.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
591-78-6	2-Hexanone	ND		ug/m³	2.0	7.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.49	27	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.3	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-64-1	**Acetone**	**26**		ug/m³	0.64	2.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
71-43-2	**Benzene**	**24**		ug/m³	0.42	2.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.54	4.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	5.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-25-2	Bromoform	ND		ug/m³	1.6	9.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
74-83-9	Bromomethane	ND		ug/m³	0.40	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	2.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.65	2.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.72	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	2.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-66-3	Chloroform	ND		ug/m³	0.63	4.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
74-87-3	Chloromethane	ND		ug/m³	0.54	1.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD

Sample Information

Client Sample ID: **AQ122711:1140NP4-3** **York Sample ID:** **11L0950-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.58	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.98	3.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
110-82-7	**Cyclohexane**	**15**		ug/m³	0.36	3.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	1.1	4.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.78	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-41-4	**Ethyl Benzene**	**44**		ug/m³	0.68	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	9.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-63-0	Isopropanol	ND		ug/m³	0.75	2.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-09-2	**Methylene chloride**	**15**	B	ug/m³	0.72	3.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
142-82-5	**n-Heptane**	**29**		ug/m³	0.43	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
110-54-3	**n-Hexane**	**77**		ug/m³	0.37	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-47-6	**o-Xylene**	**21**		ug/m³	0.68	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
1330-20-7P/M	**p- & m- Xylenes**	**68**		ug/m³	1.3	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.77	21	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
115-07-01	Propylene	ND		ug/m³	0.69	1.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-42-5	Styrene	ND		ug/m³	0.66	3.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.70	5.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
109-99-9	**Tetrahydrofuran**	**31**		ug/m³	0.64	2.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-88-3	**Toluene**	**280**		ug/m³	0.78	3.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.71	3.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.56	2.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.29	4.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.46	6.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.57	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.53	4.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA20126 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
11L0950-01	AQ122711:1130NP4-1	01/03/12
11L0950-02	AQ122711:1135NP4-2	01/03/12
11L0950-03	AQ122711:1140NP4-3	01/03/12
BA20126-BLK1	Blank	01/03/12
BA20126-BS1	LCS	01/03/12
BA20126-DUP1	Duplicate	01/03/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP

Blank (BA20126-BLK1) — Prepared & Analyzed: 01/03/2012

Vinyl Chloride	ND	0.52	ug/m³
Vinyl bromide	ND	0.44	"
Vinyl acetate	ND	0.72	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	2.5	"
p- & m- Xylenes	ND	0.44	"
o-Xylene	ND	0.44	"
n-Hexane	ND	0.36	"
n-Heptane	ND	0.42	"
Methylene chloride	0.78	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	ND	0.24	"
3-Chloropropene	ND	3.2	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
2,2,4-Trimethylpentane	ND	0.48	"
1,4-Dioxane	ND	3.7	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,2-Dichlorotetrafluoroethane	ND	0.71	"
1,2-Dichloropropane	ND	0.47	"
1,2-Dichloroethane	ND	0.41	"
1,2-Dichlorobenzene	ND	0.61	"
1,2,4-Trimethylbenzene	ND	2.5	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.40	"
1,1-Dichloroethane	ND	0.41	"

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
Blank (BA20126-BLK1)								Prepared & Analyzed: 01/03/2012			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
Dichlorodifluoromethane	ND	0.50	"								
1,1,1-Trichloroethane	ND	0.55	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.51*		*ppbv*	*10.0*		*85.1*	*70-130*				
LCS (BA20126-BS1)								Prepared & Analyzed: 01/03/2012			
Vinyl Chloride	10.3		ppbv	11.6		89.0	70-130				
Vinyl bromide	13.4		"	11.0		122	56.7-132				
Vinyl acetate	12.4		"	11.1		112	58.1-135				
Trichloroethylene	9.62		"	10.5		91.6	70-130				
trans-1,3-Dichloropropylene	11.4		"	11.1		103	62-135				
trans-1,2-Dichloroethylene	10.7		"	11.1		96.6	58.3-130				
Toluene	10.4		"	11.1		94.1	64.9-126				
Tetrahydrofuran	14.0		"	11.2		125	44.6-146				
Tetrachloroethylene	10.8		"	10.9		99.2	70-130				
Styrene	12.4		"	11.3		110	66.4-132				
Propylene	12.6		"	11.0		115	62.4-150				
p-Ethyltoluene	11.7		"	11.1		105	73.8-146				
p- & m- Xylenes	21.6		"	22.3		96.8	56.6-136				
o-Xylene	11.4		"	11.0		104	67.8-133				
n-Hexane	10.7		"	10.9		98.2	59.7-130				
n-Heptane	11.4		"	11.0		103	62.3-134				
Methylene chloride	8.31		"	11.1		74.9	62.6-130				
Methyl tert-butyl ether (MTBE)	12.9		"	11.3		114	60.7-139				
4-Methyl-2-pentanone	14.9		"	11.4		131	64.5-158				
Isopropanol	13.1		"	11.5		114	60-150				
Hexachlorobutadiene	9.29		"	11.2		82.9	61.2-150				
Ethyl Benzene	10.7		"	11.1		96.4	68.4-125				
Ethyl acetate	12.1		"	11.4		106	40.6-150				
Cyclohexane	11.1		"	10.9		102	60.4-127				
cis-1,3-Dichloropropylene	10.9		"	11.1		98.0	65.5-129				
cis-1,2-Dichloroethylene	9.21		"	10.8		85.3	51.3-118				
Chloromethane	10.1		"	11.0		92.2	64.9-130				
Chloroform	9.85		"	11.3		87.2	65.1-130				
Chloroethane	12.5		"	11.0		113	52.1-131				
Carbon tetrachloride	10.8		"	10.5		103	70-130				
Carbon disulfide	10.8		"	11.2		96.4	61.8-111				
Bromomethane	12.4		"	11.0		113	60.1-140				
Bromoform	12.0		"	10.8		111	58.7-150				
Bromodichloromethane	9.93		"	11.0		90.3	65.3-127				
Benzyl chloride	11.3		"	10.8		105	62.5-150				
Benzene	10.2		"	10.9		93.8	69.5-130				
Acetone	9.68		"	11.5		84.2	55.3-133				
3-Chloropropene	11.0		"	10.8		102	61.2-158				
2-Hexanone	21.2		"	11.4		186	52-150	High Bias			
2-Butanone	12.3		"	11.3		109	28.5-154				
2,2,4-Trimethylpentane	10.8		"	11.1		97.7	64.7-118				
1,4-Dioxane	19.2		"	11.6		166	50-150	High Bias			
1,4-Dichlorobenzene	12.8		"	11.7		109	62.5-139				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
LCS (BA20126-BS1)								Prepared & Analyzed: 01/03/2012			
1,3-Dichlorobenzene	12.8		ppbv	10.6		121	71.9-153				
1,3-Butadiene	12.0		"	11.0		109	66.7-127				
1,3,5-Trimethylbenzene	11.8		"	11.0		107	65-152				
1,2-Dichlorotetrafluoroethane	11.0		"	11.0		99.7	63.3-129				
1,2-Dichloropropane	9.31		"	10.8		86.2	21.3-152				
1,2-Dichloroethane	10.0		"	11.0		91.1	51.2-124				
1,2-Dichlorobenzene	12.7		"	11.0		115	63.7-148				
1,2,4-Trimethylbenzene	11.6		"	11.0		106	67.9-152				
1,2,4-Trichlorobenzene	9.81		"	10.7		91.7	58-147				
1,1-Dichloroethylene	10.5		"	11.0		95.8	58.1-130				
1,1-Dichloroethane	10.5		"	11.2		93.9	63.3-130				
Trichlorofluoromethane (Freon 11)	12.3		"	11.2		110	56-132				
1,1,2-Trichloroethane	10.0		"	11.0		91.1	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	11.0		93.7	60.2-125				
1,1,2,2-Tetrachloroethane	11.6		"	11.0		105	63.7-132				
Dichlorodifluoromethane	11.4		"	11.0		104	62.8-133				
1,1,1-Trichloroethane	10.3		"	11.0		93.5	58.2-126				
Chlorobenzene	10.1		"	11.3		89.7	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				
Duplicate (BA20126-DUP1)	*Source sample: 11L0950-01 (AQ122711:1130NP4-1)							Prepared & Analyzed: 01/03/2012			
Vinyl Chloride	ND	0.86	ug/m³		ND					25	
Vinyl bromide	ND	0.74	"		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	4.0	0.45	"		3.8				4.65	25	
trans-1,3-Dichloropropylene	ND	0.77	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.67	"		ND					25	
Toluene	74	0.64	"		74				0.343	25	
Tetrahydrofuran	9.1	0.50	"		8.9				2.21	25	
Tetrachloroethylene	48	1.1	"		48				1.43	25	
Styrene	ND	0.72	"		ND					25	
Propylene	ND	0.29	"		ND					25	
p-Ethyltoluene	5.8	4.1	"		5.8				0.00	25	
p- & m- Xylenes	19	0.73	"		19				0.778	25	
o-Xylene	6.3	0.73	"		6.2				1.17	25	
n-Hexane	16	0.59	"		16				1.09	25	
n-Heptane	7.0	0.69	"		7.0				0.985	25	
Methylene chloride	2.9	0.59	"		3.3				15.1	25	
Methyl tert-butyl ether (MTBE)	ND	0.61	"		ND					25	
4-Methyl-2-pentanone	ND	0.69	"		ND					25	
Isopropanol	ND	0.41	"		ND					25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	12	0.73	"		12				0.00	25	
Ethyl acetate	ND	0.61	"		ND					25	
Cyclohexane	3.3	0.58	"		3.1				3.64	25	
cis-1,3-Dichloropropylene	ND	0.77	"		ND					25	
cis-1,2-Dichloroethylene	3.3	0.67	"		3.2				4.08	25	
Chloromethane	ND	0.35	"		ND					25	
Chloroform	3.4	0.82	"		3.1				7.59	25	
Chloroethane	ND	0.44	"		ND					25	
Carbon tetrachloride	2.0	0.53	"		ND					25	
Carbon disulfide	5.4	0.53	"		5.3				1.98	25	
Bromomethane	ND	0.65	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
Duplicate (BA20126-DUP1)	*Source sample: 11L0950-01 (AQ122711:1130NP4-1)								Prepared & Analyzed: 01/03/2012		
Bromoform	ND	1.7	ug/m³		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Benzyl chloride	ND	0.87	"		ND					25	
Benzene	5.3	0.54	"		5.2				2.04	25	
Acetone	14	0.40	"		14				2.01	25	
3-Chloropropene	ND	5.3	"		ND					25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	4.6	0.50	"		4.5				2.17	25	
2,2,4-Trimethylpentane	3.1	0.79	"		3.0				2.60	25	
1,4-Dioxane	ND	6.1	"		ND					25	
1,4-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Butadiene	ND	0.73	"		ND					25	
1,3,5-Trimethylbenzene	1.7	1.7	"		1.6				5.13	25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.78	"		ND					25	
1,2-Dichloroethane	ND	0.68	"		ND					25	
1,2-Dichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	5.7	4.1	"		5.8				1.44	25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.67	"		ND					25	
1,1-Dichloroethane	8.2	0.68	"		8.1				0.837	25	
Trichlorofluoromethane (Freon 11)	ND	0.95	"		ND					25	
1,1,2-Trichloroethane	ND	0.92	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	17	0.92	"		17				0.528	25	
Dichlorodifluoromethane	2.7	0.83	"		2.6				3.17	25	
Chlorobenzene	ND	0.78	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.3*		*ppbv*	*10.0*		*103*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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: Date Sampled Not Indicated on Chain-of-Custody - JG 12/28/2011

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

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. 11L0950

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
Company: LBG	Company: Same	Company: Same	Rowe Industries	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	NJDEP Reduced
					Electronic Deliverables:
					EDD (Specify Type)
					Standard Excel X
					Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Air Matrix Codes

AI -	INDOOR Ambient Air
AO-	OUTDOOR Amb. Air
AE-	Vapor Extraction Well/ Process Gas/Effluent
AS-	SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER

Detection Limits Required

- ≤ 1 ug/m³
- NYSDEC VI Limits (VI = vapor intrusion)
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ122711: 1130NP1-1		AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
AQ122711: 1135NP1-2		AE				6 Liter Summa canister ✓ Tedlar Bag
AQ122711: 1140NP1-3		AE				6 Liter Summa canister ✓ Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By	12/28/2011 1330 Date/Time	Samples Received By	12-28-11 13:30 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	12/28/11-1630 Date/Time

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0953

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0953

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 28, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0953-01	WQ122711:1050NP2-6	Water	12/27/2011	12/28/2011
11L0953-02	WQ122711:1055NP2-7	Water	12/27/2011	12/28/2011
11L0954-01	WQ122711:1100NP2-10	Water	12/27/2011	12/28/2011

General Notes for York Project (SDG) No.: 11L0953

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

Approved By:  **Date:** 01/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ122711:1050NP2-6 **York Sample ID:** 11L0953-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:50 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
71-55-6	**1,1,1-Trichloroethane**	**0.78**		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-34-3	**1,1-Dichloroethane**	**0.45**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
67-64-1	**Acetone**	**1.5**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS

Sample Information

Client Sample ID: **WQ122711:1050NP2-6** **York Sample ID:** **11L0953-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:50 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
67-66-3	**Chloroform**	**0.17**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-09-2	**Methylene chloride**	**0.29**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
91-20-3	**Naphthalene**	**0.94**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
127-18-4	**Tetrachloroethylene**	**1.2**		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
79-01-6	**Trichloroethylene**	**0.21**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2012 21:04	01/04/2012 21:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.3 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122711:1050NP2-6 **York Sample ID:** 11L0953-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:50 am	12/28/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.279**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/29/2011 15:28	12/29/2011 17:10	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.05**		mg/L	0.00550	0.0100	1	EPA 200.7	12/29/2011 15:28	12/29/2011 17:15	MW

Total Solids (Aq)

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Solids	**220**		mg/L	0.500	0.500	1	SM 2540B	01/03/2012 15:53	01/03/2012 15:53	AMC

Sample Information

Client Sample ID: WQ122711:1055NP2-7 **York Sample ID:** 11L0953-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:55 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS

Sample Information

Client Sample ID: WQ122711:1055NP2-7 **York Sample ID:** 11L0953-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:55 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
67-64-1	**Acetone**	**1.3**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-09-2	**Methylene chloride**	**0.27**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
91-20-3	**Naphthalene**	**0.21**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS

Sample Information

Client Sample ID: WQ122711:1055NP2-7 **York Sample ID:** 11L0953-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0953	Rowe Industries	Water	December 27, 2011 10:55 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2012 21:47	01/04/2012 21:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.5 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86.7-112*

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.167**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/29/2011 15:28	12/29/2011 17:20	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.26**		mg/L	0.00550	0.0100	1	EPA 200.7	12/29/2011 15:28	12/29/2011 17:25	MW

Total Solids (Aq)

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Solids	**70.0**		mg/L	0.500	0.500	1	SM 2540B	01/03/2012 15:53	01/03/2012 15:53	AMC

Sample Information

Client Sample ID: WQ122711:1100NP2-10 **York Sample ID:** 11L0954-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0954	Rowe Industries	Water	December 27, 2011 11:00 am	12/28/2011

Sample Information

Client Sample ID: **WQ122711:1100NP2-10** **York Sample ID:** **11L0954-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0954	Rowe Industries	Water	December 27, 2011 11:00 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
67-64-1	**Acetone**	**1.1**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS

Sample Information

Client Sample ID: WQ122711:1100NP2-10 **York Sample ID:** 11L0954-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0954	Rowe Industries	Water	December 27, 2011 11:00 am	12/28/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-09-2	**Methylene chloride**	**0.30**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
91-20-3	**Naphthalene**	**0.29**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/04/2012 21:25	01/04/2012 21:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122711:1100NP2-10 **York Sample ID:** 11L0954-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0954	Rowe Industries	Water	December 27, 2011 11:00 am	12/28/2011

Iron, Dissolved by EPA 6010

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0348**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	12/29/2011 15:28	12/29/2011 17:30	MW

Iron by EPA 200.7

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**2.27**		mg/L	0.00550	0.0100	1	EPA 200.7	12/29/2011 15:28	12/29/2011 17:47	MW

Total Dissolved Solids

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**135**		mg/L	1.00	1.00	1	SM 2540C	01/03/2012 15:52	01/03/2012 15:52	AMC

Total Solids (Aq)

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Solids	**150**		mg/L	0.500	0.500	1	SM 2540B	01/03/2012 15:53	01/03/2012 15:53	AMC

Analytical Batch Summary

Batch ID: BA20010 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
11L0954-01	WQ122711:1100NP2-10	01/03/12
BA20010-BLK1	Blank	01/03/12
BA20010-DUP1	Duplicate	01/03/12

Batch ID: BA20011 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
11L0953-01	WQ122711:1050NP2-6	01/03/12
11L0953-02	WQ122711:1055NP2-7	01/03/12
11L0954-01	WQ122711:1100NP2-10	01/03/12

Batch ID: BA20124 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0954-01	WQ122711:1100NP2-10	01/04/12
BA20124-BLK1	Blank	01/04/12
BA20124-BS1	LCS	01/04/12
BA20124-BSD1	LCS Dup	01/04/12

Batch ID: BA20125 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0953-01	WQ122711:1050NP2-6	01/04/12
11L0953-02	WQ122711:1055NP2-7	01/04/12
BA20125-BLK1	Blank	01/04/12
BA20125-BS1	LCS	01/04/12
BA20125-BSD1	LCS Dup	01/04/12

Batch ID: BL11190 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
11L0953-01	WQ122711:1050NP2-6	12/29/11
11L0953-01	WQ122711:1050NP2-6	12/29/11
11L0953-02	WQ122711:1055NP2-7	12/29/11
11L0953-02	WQ122711:1055NP2-7	12/29/11
11L0954-01	WQ122711:1100NP2-10	12/29/11
11L0954-01	WQ122711:1100NP2-10	12/29/11
BL11190-BLK1	Blank	12/29/11
BL11190-BLK1	Blank	12/29/11
BL11190-DUP1	Duplicate	12/29/11
BL11190-DUP1	Duplicate	12/29/11
BL11190-MS1	Matrix Spike	12/29/11
BL11190-MS1	Matrix Spike	12/29/11
BL11190-SRM1	Reference	12/29/11
BL11190-SRM1	Reference	12/29/11

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 BA20124 - EPA 5030B											
Blank (BA20124-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.6	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	1.2	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	0.55	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.16	2.0	"								
Naphthalene	8.7	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

Prepared & Analyzed: 01/04/2012

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 BA20124 - EPA 5030B											
Blank (BA20124-BLK1)								Prepared & Analyzed: 01/04/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*71.3-131*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*86.7-112*				
LCS (BA20124-BS1)								Prepared & Analyzed: 01/04/2012			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	9.49		"	10.0		94.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	9.04		"	10.0		90.4	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	13.2		"	10.0		132	75-136				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70.6-136				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	75.3-135				
1,2-Dibromo-3-chloropropane	7.38		"	10.0		73.8	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	10.9		"	10.0		109	76.1-122				
1,2-Dichloroethane	8.94		"	10.0		89.4	74.6-132				
1,2-Dichloropropane	11.1		"	10.0		111	76.9-129				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	70.6-127				
1,3-Dichlorobenzene	11.1		"	10.0		111	77-124				
1,3-Dichloropropane	9.95		"	10.0		99.5	75.8-126				
1,4-Dichlorobenzene	11.6		"	10.0		116	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	10.8		"	10.0		108	66.3-119				
2-Hexanone	8.45		"	10.0		84.5	70-130				
4-Chlorotoluene	10.9		"	10.0		109	69.2-127				
Acetone	4.79		"	10.0		47.9	70-130	Low Bias			
Benzene	9.29		"	10.0		92.9	76.2-129				
Bromobenzene	10.2		"	10.0		102	71.3-123				
Bromochloromethane	10.0		"	10.0		100	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.5		"	10.0		105	70.5-141				
Bromomethane	6.86		"	10.0		68.6	43.9-147				
Carbon tetrachloride	15.5		"	10.0		155	78.1-138	High Bias			
Chlorobenzene	10.3		"	10.0		103	80.4-125				
Chloroethane	10.6		"	10.0		106	55.8-140				
Chloroform	9.27		"	10.0		92.7	76.6-133				
Chloromethane	6.25		"	10.0		62.5	48.8-115				

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 BA20124 - EPA 5030B											
LCS (BA20124-BS1)								Prepared & Analyzed: 01/04/2012			
cis-1,2-Dichloroethylene	9.10		ug/L	10.0		91.0	75.1-128				
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	74.5-128				
Dibromochloromethane	9.80		"	10.0		98.0	79.8-134				
Dibromomethane	9.83		"	10.0		98.3	79-130				
Dichlorodifluoromethane	6.66		"	10.0		66.6	47.1-101				
Ethyl Benzene	10.9		"	10.0		109	80.8-128				
Hexachlorobutadiene	13.7		"	10.0		137	64.8-128	High Bias			
Isopropylbenzene	12.8		"	10.0		128	75.5-135				
Methyl tert-butyl ether (MTBE)	8.39		"	10.0		83.9	65.1-140				
Methylene chloride	6.32		"	10.0		63.2	61.3-120				
Naphthalene	9.76		"	10.0		97.6	62.3-148				
n-Butylbenzene	11.2		"	10.0		112	67.2-123				
n-Propylbenzene	11.7		"	10.0		117	70.5-127				
o-Xylene	10.0		"	10.0		100	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	12.7		"	10.0		127	75.6-129				
sec-Butylbenzene	12.0		"	10.0		120	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	13.0		"	10.0		130	75.9-151				
Tetrachloroethylene	11.7		"	10.0		117	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	9.11		"	10.0		91.1	72.5-137				
Trichloroethylene	10.4		"	10.0		104	77.9-130				
Trichlorofluoromethane	9.82		"	10.0		98.2	57.4-133				
Vinyl Chloride	8.95		"	10.0		89.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*8.88*		*"*	*10.0*		*88.8*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*71.3-131*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*86.7-112*				

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 BA20124 - EPA 5030B											
LCS Dup (BA20124-BSD1)							Prepared & Analyzed: 01/04/2012				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		4.12	21.1	
1,1,1-Trichloroethane	9.32		"	10.0		93.2	75.6-137		1.81	19.7	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131		5.46	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0	71.1-129		2.20	21.7	
1,1,2-Trichloroethane	9.50		"	10.0		95.0	74.5-129		4.96	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		0.0932	20.6	
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146		1.36	20	
1,1-Dichloropropylene	13.3		"	10.0		133	75-136		0.904	19.3	
1,2,3-Trichlorobenzene	9.58		"	10.0		95.8	66.1-136		7.15	21.6	
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131		0.591	23.9	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70.6-136		4.48	21.7	
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135		3.26	18.8	
1,2-Dibromo-3-chloropropane	8.58		"	10.0		85.8	58.9-140		15.0	27.7	
1,2-Dibromoethane	11.0		"	10.0		110	79-130		4.67	23	
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122		3.46	19.8	
1,2-Dichloroethane	9.27		"	10.0		92.7	74.6-132		3.62	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		1.61	20.7	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70.6-127		4.07	18.9	
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124		3.84	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		2.58	22.1	
1,4-Dichlorobenzene	10.8		"	10.0		108	76.6-125		6.34	18.6	
2,2-Dichloropropane	9.94		"	10.0		99.4	69-133		2.48	19.8	
2-Chlorotoluene	10.1		"	10.0		101	66.3-119		6.40	21.6	
2-Hexanone	9.59		"	10.0		95.9	70-130		12.6	30	
4-Chlorotoluene	10.3		"	10.0		103	69.2-127		5.48	19	
Acetone	4.84		"	10.0		48.4	70-130	Low Bias	1.04	30	
Benzene	9.39		"	10.0		93.9	76.2-129		1.07	19	
Bromobenzene	10.1		"	10.0		101	71.3-123		1.58	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		3.33	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		1.35	21	
Bromoform	11.0		"	10.0		110	70.5-141		4.29	21.8	
Bromomethane	7.31		"	10.0		73.1	43.9-147		6.35	28.4	
Carbon tetrachloride	15.2		"	10.0		152	78.1-138	High Bias	2.02	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		0.00	19.9	
Chloroethane	10.7		"	10.0		107	55.8-140		0.845	23.3	
Chloroform	9.52		"	10.0		95.2	76.6-133		2.66	20.3	
Chloromethane	6.28		"	10.0		62.8	48.8-115		0.479	24.5	
cis-1,2-Dichloroethylene	9.34		"	10.0		93.4	75.1-128		2.60	20.5	
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	74.5-128		2.66	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		9.52	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		4.28	22.4	
Dichlorodifluoromethane	6.52		"	10.0		65.2	47.1-101		2.12	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		1.39	19.2	
Hexachlorobutadiene	12.6		"	10.0		126	64.8-128		8.67	20.6	
Isopropylbenzene	12.2		"	10.0		122	75.5-135		4.96	20	
Methyl tert-butyl ether (MTBE)	9.12		"	10.0		91.2	65.1-140		8.34	23.6	
Methylene chloride	6.45		"	10.0		64.5	61.3-120		2.04	20.4	
Naphthalene	8.89		"	10.0		88.9	62.3-148		9.33	27.1	
n-Butylbenzene	10.3		"	10.0		103	67.2-123		8.20	19.1	
n-Propylbenzene	11.0		"	10.0		110	70.5-127		6.53	23.4	
o-Xylene	9.98		"	10.0		99.8	75.9-122		0.500	19.3	
p- & m- Xylenes	20.9		"	20.0		104	77.7-127		0.954	18.6	
p-Isopropyltoluene	11.8		"	10.0		118	75.6-129		7.35	19.1	

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 BA20124 - EPA 5030B											
LCS Dup (BA20124-BSD1)								Prepared & Analyzed: 01/04/2012			
sec-Butylbenzene	11.2		ug/L	10.0		112	71.5-125		6.37	18.9	
Styrene	10.0		"	10.0		100	77.8-123		0.300	20.9	
tert-Butylbenzene	12.1		"	10.0		121	75.9-151		6.95	20.9	
Tetrachloroethylene	11.8		"	10.0		118	63.6-167		0.768	27.7	
Toluene	10.4		"	10.0		104	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	9.26		"	10.0		92.6	72.5-137		1.63	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		0.867	20.5	
Trichlorofluoromethane	9.55		"	10.0		95.5	57.4-133		2.79	21.4	
Vinyl Chloride	8.98		"	10.0		89.8	54.9-124		0.335	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.05*		*"*	*10.0*		*90.5*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*71.3-131*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*86.7-112*				
Batch BA20125 - EPA 5030B											
Blank (BA20125-BLK1)								Prepared & Analyzed: 01/04/2012			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								

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 BA20125 - EPA 5030B											
Blank (BA20125-BLK1)											
Prepared & Analyzed: 01/04/2012											
Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.12	2.0	"								
Naphthalene	1.5	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*71.3-131*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*86.7-112*				

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 BA20125 - EPA 5030B											
LCS (BA20125-BS1)								Prepared & Analyzed: 01/04/2012			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130				
1,1,1-Trichloroethane	9.66		"	10.0		96.6	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	9.23		"	10.0		92.3	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146				
1,1-Dichloropropylene	13.9		"	10.0		139	75-136	High Bias			
1,2,3-Trichlorobenzene	9.31		"	10.0		93.1	66.1-136				
1,2,3-Trichloropropane	9.58		"	10.0		95.8	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	75.3-135				
1,2-Dibromo-3-chloropropane	7.26		"	10.0		72.6	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122				
1,2-Dichloroethane	9.62		"	10.0		96.2	74.6-132				
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129				
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70.6-127				
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124				
1,3-Dichloropropane	9.62		"	10.0		96.2	75.8-126				
1,4-Dichlorobenzene	11.4		"	10.0		114	76.6-125				
2,2-Dichloropropane	7.48		"	10.0		74.8	69-133				
2-Chlorotoluene	10.8		"	10.0		108	66.3-119				
2-Hexanone	9.16		"	10.0		91.6	70-130				
4-Chlorotoluene	10.8		"	10.0		108	69.2-127				
Acetone	7.14		"	10.0		71.4	70-130				
Benzene	9.33		"	10.0		93.3	76.2-129				
Bromobenzene	10.2		"	10.0		102	71.3-123				
Bromochloromethane	9.70		"	10.0		97.0	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.7		"	10.0		107	70.5-141				
Bromomethane	9.97		"	10.0		99.7	43.9-147				
Carbon tetrachloride	14.6		"	10.0		146	78.1-138	High Bias			
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	11.1		"	10.0		111	55.8-140				
Chloroform	9.16		"	10.0		91.6	76.6-133				
Chloromethane	8.36		"	10.0		83.6	48.8-115				
cis-1,2-Dichloroethylene	9.03		"	10.0		90.3	75.1-128				
cis-1,3-Dichloropropylene	8.87		"	10.0		88.7	74.5-128				
Dibromochloromethane	10.5		"	10.0		105	79.8-134				
Dibromomethane	9.82		"	10.0		98.2	79-130				
Dichlorodifluoromethane	6.75		"	10.0		67.5	47.1-101				
Ethyl Benzene	10.8		"	10.0		108	80.8-128				
Hexachlorobutadiene	13.3		"	10.0		133	64.8-128	High Bias			
Isopropylbenzene	12.8		"	10.0		128	75.5-135				
Methyl tert-butyl ether (MTBE)	7.47		"	10.0		74.7	65.1-140				
Methylene chloride	5.87		"	10.0		58.7	61.3-120	Low Bias			
Naphthalene	6.37		"	10.0		63.7	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	11.4		"	10.0		114	70.5-127				
o-Xylene	9.76		"	10.0		97.6	75.9-122				
p- & m- Xylenes	21.4		"	20.0		107	77.7-127				
p-Isopropyltoluene	12.4		"	10.0		124	75.6-129				

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 BA20125 - EPA 5030B											
LCS (BA20125-BS1)							Prepared & Analyzed: 01/04/2012				
sec-Butylbenzene	11.8		ug/L	10.0		118	71.5-125				
Styrene	10.1		"	10.0		101	77.8-123				
tert-Butylbenzene	14.1		"	10.0		141	75.9-151				
Tetrachloroethylene	12.2		"	10.0		122	63.6-167				
Toluene	10.5		"	10.0		105	77-123				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139				
trans-1,3-Dichloropropylene	8.39		"	10.0		83.9	72.5-137				
Trichloroethylene	10.7		"	10.0		107	77.9-130				
Trichlorofluoromethane	9.90		"	10.0		99.0	57.4-133				
Vinyl Chloride	10.3		"	10.0		103	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.13*		*"*	*10.0*		*91.3*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*86.7-112*				
LCS Dup (BA20125-BSD1)							Prepared & Analyzed: 01/04/2012				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		4.49	21.1	
1,1,1-Trichloroethane	9.45		"	10.0		94.5	75.6-137		2.20	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		4.05	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.61		"	10.0		96.1	71.1-129		5.27	21.7	
1,1,2-Trichloroethane	9.58		"	10.0		95.8	74.5-129		3.72	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		0.678	20.6	
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146		5.76	20	
1,1-Dichloropropylene	11.8		"	10.0		118	75-136		16.1	19.3	
1,2,3-Trichlorobenzene	9.70		"	10.0		97.0	66.1-136		4.10	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		5.68	23.9	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136		9.11	21.7	
1,2,4-Trimethylbenzene	11.7		"	10.0		117	75.3-135		0.512	18.8	
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	58.9-140		2.45	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		0.00	23	
1,2-Dichlorobenzene	11.2		"	10.0		112	76.1-122		3.55	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		4.77	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		3.17	20.7	
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70.6-127		0.684	18.9	
1,3-Dichlorobenzene	11.4		"	10.0		114	77-124		1.59	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		4.77	22.1	
1,4-Dichlorobenzene	11.8		"	10.0		118	76.6-125		3.54	18.6	
2,2-Dichloropropane	7.03		"	10.0		70.3	69-133		6.20	19.8	
2-Chlorotoluene	10.6		"	10.0		106	66.3-119		1.77	21.6	
2-Hexanone	8.16		"	10.0		81.6	70-130		11.5	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		4.44	19	
Acetone	10.8		"	10.0		108	70-130		40.4	30	Non-dir.
Benzene	9.22		"	10.0		92.2	76.2-129		1.19	19	
Bromobenzene	9.95		"	10.0		99.5	71.3-123		2.97	20.3	
Bromochloromethane	9.83		"	10.0		98.3	70.8-137		1.33	23.9	
Bromodichloromethane	10.6		"	10.0		106	79.7-134		2.59	21	
Bromoform	10.8		"	10.0		108	70.5-141		1.58	21.8	
Bromomethane	11.5		"	10.0		115	43.9-147		14.3	28.4	
Carbon tetrachloride	12.7		"	10.0		127	78.1-138		14.0	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		3.04	19.9	
Chloroethane	9.80		"	10.0		98.0	55.8-140		12.5	23.3	
Chloroform	10.0		"	10.0		100	76.6-133		8.97	20.3	
Chloromethane	8.01		"	10.0		80.1	48.8-115		4.28	24.5	
cis-1,2-Dichloroethylene	9.40		"	10.0		94.0	75.1-128		4.02	20.5	

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 BA20125 - EPA 5030B											
LCS Dup (BA20125-BSD1)								Prepared & Analyzed: 01/04/2012			
cis-1,3-Dichloropropylene	9.11		ug/L	10.0		91.1	74.5-128		2.67	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		0.0951	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		4.29	22.4	
Dichlorodifluoromethane	6.50		"	10.0		65.0	47.1-101		3.77	23.9	
Ethyl Benzene	10.6		"	10.0		106	80.8-128		1.49	19.2	
Hexachlorobutadiene	13.7		"	10.0		137	64.8-128	High Bias	3.04	20.6	
Isopropylbenzene	12.2		"	10.0		122	75.5-135		4.24	20	
Methyl tert-butyl ether (MTBE)	7.75		"	10.0		77.5	65.1-140		3.68	23.6	
Methylene chloride	5.51		"	10.0		55.1	61.3-120	Low Bias	6.33	20.4	
Naphthalene	2.48		"	10.0		24.8	62.3-148	Low Bias	87.9	27.1	Non-dir.
n-Butylbenzene	10.7		"	10.0		107	67.2-123		1.12	19.1	
n-Propylbenzene	11.1		"	10.0		111	70.5-127		2.39	23.4	
o-Xylene	9.81		"	10.0		98.1	75.9-122		0.511	19.3	
p- & m- Xylenes	21.1		"	20.0		105	77.7-127		1.41	18.6	
p-Isopropyltoluene	12.2		"	10.0		122	75.6-129		1.55	19.1	
sec-Butylbenzene	11.3		"	10.0		113	71.5-125		4.49	18.9	
Styrene	10.1		"	10.0		101	77.8-123		0.594	20.9	
tert-Butylbenzene	14.3		"	10.0		143	75.9-151		1.48	20.9	
Tetrachloroethylene	11.9		"	10.0		119	63.6-167		2.07	27.7	
Toluene	10.4		"	10.0		104	77-123		0.478	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		0.653	19.5	
trans-1,3-Dichloropropylene	8.87		"	10.0		88.7	72.5-137		5.56	19.3	
Trichloroethylene	10.6		"	10.0		106	77.9-130		0.943	20.5	
Trichlorofluoromethane	9.66		"	10.0		96.6	57.4-133		2.45	21.4	
Vinyl Chloride	9.65		"	10.0		96.5	54.9-124		6.90	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*86.7-112*				

Metals by EPA 6000 Series Methods - 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 BL11190 - EPA 3010A											
Blank (BL11190-BLK1)								Prepared & Analyzed: 12/29/2011			
Iron	ND	0.0100	mg/L								
Duplicate (BL11190-DUP1)	*Source sample: 11L0954-01 (WQ122711:1100NP2-10)							Prepared & Analyzed: 12/29/2011			
Iron	0.0560	0.0100	mg/L		0.0348				46.5	20	Non-dir.
Matrix Spike (BL11190-MS1)	*Source sample: 11L0954-01 (WQ122711:1100NP2-10)							Prepared & Analyzed: 12/29/2011			
Iron	1.14	0.0100	mg/L	1.00	0.0348	111	75-125				
Reference (BL11190-SRM1)								Prepared & Analyzed: 12/29/2011			
Iron	0.619	0.0100	mg/L	0.589		105	87.9-113				

Metals by EPA 200 Series Methods - 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 BL11190 - EPA 3010A											
Blank (BL11190-BLK1)								Prepared & Analyzed: 12/29/2011			
Iron	ND	0.0100	mg/L								
Duplicate (BL11190-DUP1)	*Source sample: 11L0954-01 (WQ122711:1100NP2-10)							Prepared & Analyzed: 12/29/2011			
Iron	2.30	0.0100	mg/L		2.27				1.07	20	
Matrix Spike (BL11190-MS1)	*Source sample: 11L0954-01 (WQ122711:1100NP2-10)							Prepared & Analyzed: 12/29/2011			
Iron	3.39	0.0100	mg/L	1.00	2.27	112	75-125				
Reference (BL11190-SRM1)								Prepared & Analyzed: 12/29/2011			
Iron	0.619	0.0100	mg/L	0.589		105	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - 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 BA20010 - % Solids Prep											
Blank (BA20010-BLK1)								Prepared & Analyzed: 01/03/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BA20010-DUP1)	*Source sample: 11L0954-01 (WQ122711:1100NP2-10)							Prepared & Analyzed: 01/03/2012			
Total Dissolved Solids	125	1.00	mg/L		135				7.69	15	

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.
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. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

Corrective Action:

YORK ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 11L0953

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day	Summary X, pdf
Address: 4 Research Drive,	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary X, pdf
Suite 301, Shelton CT 06484	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	**Purchase Order no.**	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg NP2-10 only, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail Mgoldberg@lbgct.com		Standard (5-7 days) X	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY X NJ__	OTHER	EDD X, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ122711:1050NP2-6	12/27/11 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ122711:1055NP2-7	↓ 1055	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B)	2V 2P
WQ122711:1100NP2-10	↓ 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2V 3P

Comments

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	12/28/2011 1350	[signature]	12-28-11 13:30
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	12/28/11-1630

Temperature on Receipt 4.8 °C

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. 11L0954

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME [X]	SAME [ ]	Rowe Indurstries	RUSH Same Day	Summary X, pdf
Address: 4 Research Drive, Suite 301, Shelton CT 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary X, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same	Purchase Order no.	RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:	NABSAG	RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail Mgoldberg@lbgct.cor		RUSH Four Day	ASP B Pkg NP2-10 only, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY X NJ__	Standard (5-7 days) X	Excel
				OTHER	EDD X, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
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	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360 Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Sc, Tl, Sb, Cu	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Ag, Mn, Au, 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)
WQ122711 : 1050NP2 - 6	12/27/11	1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B)	2v 28
WQ122711 1055NP2 - 7		1055	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B)	2v 28
WQ122711 : 1100NP2-10		1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / Total Solids (Aq) (SM 2540B) / VOCs, 8260 List (EPA SW845-8260B) / TDS (SM 2540C)	2v 38

Comments

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

Samples Relinquished By — Date/Time 12/28/2011 1350

Samples Relinquished By — Date/Time

Samples Received By — Date/Time 12-28-11 13:30

Samples Received in LAB by — Date/Time 12/28/11 - 16:30

Temperature on Receipt: 4.8 °C

APPENDIX II
DECEMBER 2011 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 01/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0808

Report Date: 01/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0808

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 22, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0808-01	WQ122011:920FRW-1	Water	12/20/2011	12/22/2011
11L0808-02	WQ122011:925FRW-2	Water	12/20/2011	12/22/2011
11L0808-03	WQ122011:930FRW-3	Water	12/20/2011	12/22/2011
11L0808-04	WQ122011:935FRW-4	Water	12/20/2011	12/22/2011

General Notes for York Project (SDG) No.: 11L0808

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

Approved By: 

Date: 01/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **WQ122011:920FRW-1** **York Sample ID:** **11L0808-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:20 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
71-55-6	**1,1,1-Trichloroethane**	**1.4**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR

Sample Information

Client Sample ID: **WQ122011:920FRW-1** **York Sample ID:** **11L0808-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:20 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
156-59-2	**cis-1,2-Dichloroethylene**	**12**		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-09-2	**Methylene chloride**	**0.36**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
91-20-3	**Naphthalene**	**0.28**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
127-18-4	**Tetrachloroethylene**	**74**		ug/L	0.27	2.5	5	EPA SW846-8260B	12/30/2011 02:15	01/03/2012 01:59	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
79-01-6	**Trichloroethylene**	**2.4**		ug/L	0.067	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
75-01-4	**Vinyl Chloride**	**0.34**	J	ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/30/2011 02:15	12/30/2011 02:15	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.6 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122011:925FRW-2 **York Sample ID:** 11L0808-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:25 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR

Sample Information

Client Sample ID: WQ122011:925FRW-2 **York Sample ID:** 11L0808-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:25 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
156-59-2	**cis-1,2-Dichloroethylene**	**1.4**		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-09-2	**Methylene chloride**	**0.35**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
91-20-3	**Naphthalene**	**0.20**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
127-18-4	**Tetrachloroethylene**	**46**		ug/L	0.27	2.5	5	EPA SW846-8260B	12/30/2011 02:59	01/03/2012 02:42	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
79-01-6	**Trichloroethylene**	**0.77**		ug/L	0.067	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/30/2011 02:59	12/30/2011 02:59	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.1 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*86.7-112*

Sample Information

Client Sample ID: **WQ122011:930FRW-3** **York Sample ID:** **11L0808-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:30 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
71-55-6	**1,1,1-Trichloroethane**	**0.74**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-34-3	**1,1-Dichloroethane**	**0.21**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR

Sample Information

Client Sample ID: **WQ122011:930FRW-3** **York Sample ID:** **11L0808-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:30 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
156-59-2	**cis-1,2-Dichloroethylene**	**9.7**		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-09-2	**Methylene chloride**	**0.43**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
127-18-4	**Tetrachloroethylene**	**68**		ug/L	0.27	2.5	5	EPA SW846-8260B	12/30/2011 03:43	01/03/2012 03:26	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
79-01-6	**Trichloroethylene**	**4.3**		ug/L	0.067	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
75-01-4	**Vinyl Chloride**	**0.28**	J	ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/30/2011 03:43	12/30/2011 03:43	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.4 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122011:935FRW-4 **York Sample ID:** 11L0808-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:35 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
71-55-6	**1,1,1-Trichloroethane**	**0.44**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR

Sample Information

Client Sample ID: WQ122011:935FRW-4 **York Sample ID:** 11L0808-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0808	Rowe Industries	Water	December 20, 2011 9:35 am	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
156-59-2	**cis-1,2-Dichloroethylene**	**2.4**		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-09-2	**Methylene chloride**	**0.47**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
91-20-3	**Naphthalene**	**0.21**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
127-18-4	**Tetrachloroethylene**	**39**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
79-01-6	**Trichloroethylene**	**1.7**		ug/L	0.067	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/30/2011 04:26	12/30/2011 04:26	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.1 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*86.7-112*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA20053 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0808-01	WQ122011:920FRW-1	12/30/11
11L0808-02	WQ122011:925FRW-2	12/30/11
11L0808-03	WQ122011:930FRW-3	12/30/11
BA20053-BLK1	Blank	01/03/12
BA20053-BS1	LCS	01/02/12
BA20053-BSD1	LCS Dup	01/03/12

Batch ID: BL11188 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0808-04	WQ122011:935FRW-4	12/30/11
BL11188-BLK1	Blank	12/30/11
BL11188-BS1	LCS	12/30/11
BL11188-BSD1	LCS Dup	12/30/11

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 BA20053 - EPA 5030B											
Blank (BA20053-BLK1)											Prepared & Analyzed: 01/03/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.58	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.83	2.0	"								
Naphthalene	3.0	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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 BA20053 - EPA 5030B											
Blank (BA20053-BLK1)								Prepared & Analyzed: 01/03/2012			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*8.59*		*"*	*10.0*		*85.9*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*71.3-131*				
Surrogate: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*86.7-112*				
LCS (BA20053-BS1)								Prepared & Analyzed: 01/02/2012			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130				
1,1,1-Trichloroethane	9.88		"	10.0		98.8	75.6-137				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	71.1-129				
1,1,2-Trichloroethane	11.0		"	10.0		110	74.5-129				
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132				
1,1-Dichloroethylene	9.77		"	10.0		97.7	80.2-146				
1,1-Dichloropropylene	13.1		"	10.0		131	75-136				
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136				
1,2,3-Trichloropropane	9.48		"	10.0		94.8	63-131				
1,2,4-Trichlorobenzene	11.6		"	10.0		116	70.6-136				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	75.3-135				
1,2-Dibromo-3-chloropropane	9.53		"	10.0		95.3	58.9-140				
1,2-Dibromoethane	10.9		"	10.0		109	79-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122				
1,2-Dichloroethane	9.04		"	10.0		90.4	74.6-132				
1,2-Dichloropropane	11.1		"	10.0		111	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124				
1,3-Dichloropropane	10.8		"	10.0		108	75.8-126				
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125				
2,2-Dichloropropane	5.02		"	10.0		50.2	69-133	Low Bias			
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	9.29		"	10.0		92.9	70-130				
4-Chlorotoluene	10.7		"	10.0		107	69.2-127				
Acetone	7.49		"	10.0		74.9	70-130				
Benzene	9.86		"	10.0		98.6	76.2-129				
Bromobenzene	10.1		"	10.0		101	71.3-123				
Bromochloromethane	9.41		"	10.0		94.1	70.8-137				
Bromodichloromethane	11.7		"	10.0		117	79.7-134				
Bromoform	11.0		"	10.0		110	70.5-141				
Bromomethane	5.13		"	10.0		51.3	43.9-147				
Carbon tetrachloride	13.5		"	10.0		135	78.1-138				
Chlorobenzene	11.1		"	10.0		111	80.4-125				
Chloroethane	9.05		"	10.0		90.5	55.8-140				
Chloroform	9.89		"	10.0		98.9	76.6-133				
Chloromethane	6.58		"	10.0		65.8	48.8-115				

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 BA20053 - EPA 5030B											
LCS (BA20053-BS1)							Prepared & Analyzed: 01/02/2012				
cis-1,2-Dichloroethylene	9.72		ug/L	10.0		97.2	75.1-128				
cis-1,3-Dichloropropylene	8.71		"	10.0		87.1	74.5-128				
Dibromochloromethane	10.9		"	10.0		109	79.8-134				
Dibromomethane	11.2		"	10.0		112	79-130				
Dichlorodifluoromethane	6.38		"	10.0		63.8	47.1-101				
Ethyl Benzene	11.6		"	10.0		116	80.8-128				
Hexachlorobutadiene	9.99		"	10.0		99.9	64.8-128				
Isopropylbenzene	12.2		"	10.0		122	75.5-135				
Methyl tert-butyl ether (MTBE)	7.60		"	10.0		76.0	65.1-140				
Methylene chloride	7.40		"	10.0		74.0	61.3-120				
Naphthalene	7.86		"	10.0		78.6	62.3-148				
n-Butylbenzene	11.0		"	10.0		110	67.2-123				
n-Propylbenzene	11.0		"	10.0		110	70.5-127				
o-Xylene	11.0		"	10.0		110	75.9-122				
p- & m- Xylenes	22.9		"	20.0		114	77.7-127				
p-Isopropyltoluene	11.6		"	10.0		116	75.6-129				
sec-Butylbenzene	11.2		"	10.0		112	71.5-125				
Styrene	10.8		"	10.0		108	77.8-123				
tert-Butylbenzene	12.8		"	10.0		128	75.9-151				
Tetrachloroethylene	12.8		"	10.0		128	63.6-167				
Toluene	11.2		"	10.0		112	77-123				
trans-1,2-Dichloroethylene	9.46		"	10.0		94.6	76.3-139				
trans-1,3-Dichloropropylene	8.45		"	10.0		84.5	72.5-137				
Trichloroethylene	11.2		"	10.0		112	77.9-130				
Trichlorofluoromethane	9.43		"	10.0		94.3	57.4-133				
Vinyl Chloride	7.85		"	10.0		78.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.04*		*"*	*10.0*		*90.4*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.77*		*"*	*10.0*		*97.7*	*71.3-131*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*86.7-112*				

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 BA20053 - EPA 5030B											
LCS Dup (BA20053-BSD1)								Prepared & Analyzed: 01/03/2012			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82.3-130		0.438	21.1	
1,1,1-Trichloroethane	9.84		"	10.0		98.4	75.6-137		0.406	19.7	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131		0.742	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		3.27	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129		1.98	20.3	
1,1-Dichloroethane	9.75		"	10.0		97.5	79.6-132		0.103	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		2.33	20	
1,1-Dichloropropylene	13.0		"	10.0		130	75-136		0.230	19.3	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136		4.19	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		9.16	23.9	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70.6-136		2.71	21.7	
1,2,4-Trimethylbenzene	12.3		"	10.0		123	75.3-135		5.70	18.8	
1,2-Dibromo-3-chloropropane	8.02		"	10.0		80.2	58.9-140		17.2	27.7	
1,2-Dibromoethane	11.2		"	10.0		112	79-130		3.08	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		2.91	19.8	
1,2-Dichloroethane	8.60		"	10.0		86.0	74.6-132		4.99	20.2	
1,2-Dichloropropane	11.2		"	10.0		112	76.9-129		0.719	20.7	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127		5.82	18.9	
1,3-Dichlorobenzene	11.5		"	10.0		115	77-124		6.20	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		2.06	22.1	
1,4-Dichlorobenzene	11.4		"	10.0		114	76.6-125		3.83	18.6	
2,2-Dichloropropane	4.89		"	10.0		48.9	69-133	Low Bias	2.62	19.8	
2-Chlorotoluene	11.6		"	10.0		116	66.3-119		8.67	21.6	
2-Hexanone	9.28		"	10.0		92.8	70-130		0.108	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		4.38	19	
Acetone	7.53		"	10.0		75.3	70-130		0.533	30	
Benzene	9.93		"	10.0		99.3	76.2-129		0.707	19	
Bromobenzene	10.9		"	10.0		109	71.3-123		7.44	20.3	
Bromochloromethane	9.00		"	10.0		90.0	70.8-137		4.45	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		2.86	21	
Bromoform	11.8		"	10.0		118	70.5-141		7.28	21.8	
Bromomethane	5.82		"	10.0		58.2	43.9-147		12.6	28.4	
Carbon tetrachloride	13.7		"	10.0		137	78.1-138		1.39	20.1	
Chlorobenzene	11.0		"	10.0		110	80.4-125		0.634	19.9	
Chloroethane	9.35		"	10.0		93.5	55.8-140		3.26	23.3	
Chloroform	9.86		"	10.0		98.6	76.6-133		0.304	20.3	
Chloromethane	6.70		"	10.0		67.0	48.8-115		1.81	24.5	
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	75.1-128		1.14	20.5	
cis-1,3-Dichloropropylene	8.56		"	10.0		85.6	74.5-128		1.74	19.9	
Dibromochloromethane	10.9		"	10.0		109	79.8-134		0.00	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		1.08	22.4	
Dichlorodifluoromethane	6.41		"	10.0		64.1	47.1-101		0.469	23.9	
Ethyl Benzene	11.9		"	10.0		119	80.8-128		2.82	19.2	
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128		6.96	20.6	
Isopropylbenzene	13.0		"	10.0		130	75.5-135		6.28	20	
Methyl tert-butyl ether (MTBE)	7.27		"	10.0		72.7	65.1-140		4.44	23.6	
Methylene chloride	7.59		"	10.0		75.9	61.3-120		2.54	20.4	
Naphthalene	7.88		"	10.0		78.8	62.3-148		0.254	27.1	
n-Butylbenzene	11.9		"	10.0		119	67.2-123		8.02	19.1	
n-Propylbenzene	11.9		"	10.0		119	70.5-127		7.76	23.4	
o-Xylene	10.8		"	10.0		108	75.9-122		1.47	19.3	
p- & m- Xylenes	23.2		"	20.0		116	77.7-127		1.39	18.6	
p-Isopropyltoluene	12.3		"	10.0		123	75.6-129		5.68	19.1	

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 BA20053 - EPA 5030B											
LCS Dup (BA20053-BSD1)								Prepared & Analyzed: 01/03/2012			
sec-Butylbenzene	12.1		ug/L	10.0		121	71.5-125		7.71	18.9	
Styrene	10.8		"	10.0		108	77.8-123		0.0927	20.9	
tert-Butylbenzene	12.8		"	10.0		128	75.9-151		0.156	20.9	
Tetrachloroethylene	17.8		"	10.0		178	63.6-167	High Bias	32.9	27.7	Non-dir.
Toluene	11.3		"	10.0		113	77-123		1.51	18.7	
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	76.3-139		1.88	19.5	
trans-1,3-Dichloropropylene	8.12		"	10.0		81.2	72.5-137		3.98	19.3	
Trichloroethylene	11.6		"	10.0		116	77.9-130		3.87	20.5	
Trichlorofluoromethane	9.64		"	10.0		96.4	57.4-133		2.20	21.4	
Vinyl Chloride	7.95		"	10.0		79.5	54.9-124		1.27	22.3	
Surrogate: 1,2-Dichloroethane-d4	*8.73*		*"*	*10.0*		*87.3*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*71.3-131*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*86.7-112*				
Batch BL11188 - EPA 5030B											
Blank (BL11188-BLK1)								Prepared & Analyzed: 12/30/2011			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	5.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								

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 BL11188 - EPA 5030B											
Blank (BL11188-BLK1)											Prepared & Analyzed: 12/30/2011
Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.2	2.0	"								
Naphthalene	0.81	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*71.3-131*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*86.7-112*				

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 BL11188 - EPA 5030B											
LCS (BL11188-BS1)								Prepared & Analyzed: 12/30/2011			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137				
1,1,2,2-Tetrachloroethane	9.98		"	10.0		99.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	71.1-129				
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	12.0		"	10.0		120	75-136				
1,2,3-Trichlorobenzene	9.56		"	10.0		95.6	66.1-136				
1,2,3-Trichloropropane	8.93		"	10.0		89.3	63-131				
1,2,4-Trichlorobenzene	11.5		"	10.0		115	70.6-136				
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135				
1,2-Dibromo-3-chloropropane	6.87		"	10.0		68.7	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122				
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132				
1,2-Dichloropropane	10.8		"	10.0		108	76.9-129				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127				
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124				
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126				
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125				
2,2-Dichloropropane	7.24		"	10.0		72.4	69-133				
2-Chlorotoluene	10.3		"	10.0		103	66.3-119				
2-Hexanone	8.70		"	10.0		87.0	70-130				
4-Chlorotoluene	10.7		"	10.0		107	69.2-127				
Acetone	6.64		"	10.0		66.4	70-130	Low Bias			
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.96		"	10.0		99.6	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	11.3		"	10.0		113	79.7-134				
Bromoform	10.2		"	10.0		102	70.5-141				
Bromomethane	7.72		"	10.0		77.2	43.9-147				
Carbon tetrachloride	13.8		"	10.0		138	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	9.84		"	10.0		98.4	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.16		"	10.0		81.6	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	9.10		"	10.0		91.0	74.5-128				
Dibromochloromethane	10.3		"	10.0		103	79.8-134				
Dibromomethane	10.3		"	10.0		103	79-130				
Dichlorodifluoromethane	8.39		"	10.0		83.9	47.1-101				
Ethyl Benzene	11.8		"	10.0		118	80.8-128				
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128				
Isopropylbenzene	11.8		"	10.0		118	75.5-135				
Methyl tert-butyl ether (MTBE)	8.58		"	10.0		85.8	65.1-140				
Methylene chloride	6.46		"	10.0		64.6	61.3-120				
Naphthalene	8.70		"	10.0		87.0	62.3-148				
n-Butylbenzene	11.1		"	10.0		111	67.2-123				
n-Propylbenzene	11.2		"	10.0		112	70.5-127				
o-Xylene	10.7		"	10.0		107	75.9-122				
p- & m- Xylenes	22.4		"	20.0		112	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				

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 BL11188 - EPA 5030B											
LCS (BL11188-BS1)								Prepared & Analyzed: 12/30/2011			
sec-Butylbenzene	11.1		ug/L	10.0		111	71.5-125				
Styrene	10.7		"	10.0		107	77.8-123				
tert-Butylbenzene	11.5		"	10.0		115	75.9-151				
Tetrachloroethylene	14.1		"	10.0		141	63.6-167				
Toluene	11.2		"	10.0		112	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	8.94		"	10.0		89.4	72.5-137				
Trichloroethylene	11.4		"	10.0		114	77.9-130				
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133				
Vinyl Chloride	8.85		"	10.0		88.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.17*		*"*	*10.0*		*91.7*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*71.3-131*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*86.7-112*				
LCS Dup (BL11188-BSD1)								Prepared & Analyzed: 12/30/2011			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82.3-130		0.923	21.1	
1,1,1-Trichloroethane	10.9		"	10.0		109	75.6-137		2.64	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		6.50	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	71.1-129		12.2	21.7	
1,1,2-Trichloroethane	11.1		"	10.0		111	74.5-129		4.72	20.3	
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		1.74	20.6	
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146		6.69	20	
1,1-Dichloropropylene	11.4		"	10.0		114	75-136		5.90	19.3	
1,2,3-Trichlorobenzene	9.68		"	10.0		96.8	66.1-136		1.25	21.6	
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131		11.7	23.9	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70.6-136		4.63	21.7	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	75.3-135		0.614	18.8	
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	58.9-140		25.6	27.7	
1,2-Dibromoethane	10.8		"	10.0		108	79-130		4.15	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		0.877	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		1.56	20.2	
1,2-Dichloropropane	11.0		"	10.0		110	76.9-129		1.65	20.7	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127		1.02	18.9	
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124		2.16	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		0.580	22.1	
1,4-Dichlorobenzene	10.9		"	10.0		109	76.6-125		4.97	18.6	
2,2-Dichloropropane	6.75		"	10.0		67.5	69-133	Low Bias	7.01	19.8	
2-Chlorotoluene	10.6		"	10.0		106	66.3-119		2.78	21.6	
2-Hexanone	9.74		"	10.0		97.4	70-130		11.3	30	
4-Chlorotoluene	10.7		"	10.0		107	69.2-127		0.467	19	
Acetone	7.27		"	10.0		72.7	70-130		9.06	30	
Benzene	10.9		"	10.0		109	76.2-129		0.729	19	
Bromobenzene	10.1		"	10.0		101	71.3-123		1.69	20.3	
Bromochloromethane	11.2		"	10.0		112	70.8-137		7.88	23.9	
Bromodichloromethane	11.0		"	10.0		110	79.7-134		2.50	21	
Bromoform	10.9		"	10.0		109	70.5-141		6.62	21.8	
Bromomethane	7.85		"	10.0		78.5	43.9-147		1.67	28.4	
Carbon tetrachloride	13.0		"	10.0		130	78.1-138		6.64	20.1	
Chlorobenzene	10.6		"	10.0		106	80.4-125		0.375	19.9	
Chloroethane	9.72		"	10.0		97.2	55.8-140		1.23	23.3	
Chloroform	10.9		"	10.0		109	76.6-133		0.275	20.3	
Chloromethane	8.04		"	10.0		80.4	48.8-115		1.48	24.5	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128		0.282	20.5	

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 BL11188 - EPA 5030B											
LCS Dup (BL11188-BSD1)							Prepared & Analyzed: 12/30/2011				
cis-1,3-Dichloropropylene	9.23		ug/L	10.0		92.3	74.5-128		1.42	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		4.72	21.3	
Dibromomethane	10.7		"	10.0		107	79-130		3.99	22.4	
Dichlorodifluoromethane	7.51		"	10.0		75.1	47.1-101		11.1	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		1.63	19.2	
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128		4.97	20.6	
Isopropylbenzene	12.0		"	10.0		120	75.5-135		1.43	20	
Methyl tert-butyl ether (MTBE)	8.88		"	10.0		88.8	65.1-140		3.44	23.6	
Methylene chloride	6.78		"	10.0		67.8	61.3-120		4.83	20.4	
Naphthalene	9.41		"	10.0		94.1	62.3-148		7.84	27.1	
n-Butylbenzene	10.8		"	10.0		108	67.2-123		2.65	19.1	
n-Propylbenzene	11.1		"	10.0		111	70.5-127		0.899	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		1.31	19.3	
p- & m- Xylenes	22.3		"	20.0		112	77.7-127		0.179	18.6	
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129		2.48	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		1.81	18.9	
Styrene	11.0		"	10.0		110	77.8-123		2.68	20.9	
tert-Butylbenzene	12.0		"	10.0		120	75.9-151		4.01	20.9	
Tetrachloroethylene	15.2		"	10.0		152	63.6-167		7.45	27.7	
Toluene	11.2		"	10.0		112	77-123		0.179	18.7	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139		4.16	19.5	
trans-1,3-Dichloropropylene	8.80		"	10.0		88.0	72.5-137		1.58	19.3	
Trichloroethylene	11.2		"	10.0		112	77.9-130		2.57	20.5	
Trichlorofluoromethane	9.82		"	10.0		98.2	57.4-133		10.4	21.4	
Vinyl Chloride	8.45		"	10.0		84.5	54.9-124		4.62	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*86.7-112*				

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. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 11L0808

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg x, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		Standard (5-7 days) x	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT NY NJ	OTHER	EDD x, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ122011:920FRU-1	12/20/11 920	GW	VOC 8260 full list (EPA SW846-8260B)	2V
WQ122011:925FRU-2	925	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:930FRU-3	930	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:935FRU-4	935	GW	VOC 8260 full list (EPA SW846-8260B)	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	

Comments

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

Samples Relinquished By — Date/Time: 12/22/11 11-

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time:

Samples Received in LAB by — Date/Time: 12/22/11-1050

Temperature on Receipt: 4.8 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 01/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0809

Report Date: 01/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0809

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 22, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0809-01	WQ122011:1310NP1-1-2	Water	12/20/2011	12/22/2011
11L0809-02	WQ122011:1320NP1-1-3	Water	12/20/2011	12/22/2011
11L0809-03	WQ122011:1330NP1-1-4	Water	12/20/2011	12/22/2011
11L0809-04	WQ122011:1340NP1-1-5	Water	12/20/2011	12/22/2011
11L0809-05	WQ122011:1350NP1-1-6	Water	12/20/2011	12/22/2011
11L0809-06	WQ122011:1400NP1-1-7	Water	12/20/2011	12/22/2011
11L0809-07	WQ122011:1410NP1-1-8	Water	12/20/2011	12/22/2011
11L0809-08	WQ122011:1420NP1-1-9	Water	12/20/2011	12/22/2011

General Notes for York Project (SDG) No.: 11L0809

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

Approved By:  **Date:** 01/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ122011:1310NP1-1-2 **York Sample ID:** 11L0809-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:10 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
71-55-6	**1,1,1-Trichloroethane**	**0.49**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-34-3	**1,1-Dichloroethane**	**0.11**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR

Sample Information

Client Sample ID: **WQ122011:1310NP1-1-2** **York Sample ID:** **11L0809-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:10 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
67-66-3	**Chloroform**	**0.16**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-09-2	**Methylene chloride**	**0.44**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
91-20-3	**Naphthalene**	**0.41**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
127-18-4	**Tetrachloroethylene**	**1.0**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
79-01-6	**Trichloroethylene**	**0.25**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 13:57	12/29/2011 13:57	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*86.7-112*

Sample Information

Client Sample ID: **WQ122011:1320NP1-1-3** **York Sample ID:** **11L0809-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:20 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
71-55-6	**1,1,1-Trichloroethane**	**0.33**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR

Sample Information

Client Sample ID: **WQ122011:1320NP1-1-3** **York Sample ID:** **11L0809-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:20 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-09-2	**Methylene chloride**	**0.53**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
127-18-4	**Tetrachloroethylene**	**0.17**	J	ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
79-01-6	**Trichloroethylene**	**0.87**		ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 14:41	12/29/2011 14:41	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.7 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86.7-112*

Sample Information

Client Sample ID: **WQ122011:1330NP1-1-4** **York Sample ID:** **11L0809-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:30 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
71-55-6	**1,1,1-Trichloroethane**	**4.2**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-34-3	**1,1-Dichloroethane**	**1.6**		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-35-4	**1,1-Dichloroethylene**	**0.18**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR

Sample Information

Client Sample ID: **WQ122011:1330NP1-1-4** **York Sample ID:** **11L0809-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:30 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
67-66-3	**Chloroform**	**0.16**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-09-2	**Methylene chloride**	**0.47**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
91-20-3	**Naphthalene**	**0.16**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
127-18-4	**Tetrachloroethylene**	**1.2**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
79-01-6	**Trichloroethylene**	**0.14**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 15:24	12/29/2011 15:24	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.9 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86.7-112*

Sample Information

Client Sample ID: **WQ122011:1340NP1-1-5** **York Sample ID:** **11L0809-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:40 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
71-55-6	**1,1,1-Trichloroethane**	**0.97**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-34-3	**1,1-Dichloroethane**	**0.73**		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR

Sample Information

Client Sample ID: **WQ122011:1340NP1-1-5** **York Sample ID:** **11L0809-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:40 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
67-66-3	**Chloroform**	**0.54**		ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-09-2	**Methylene chloride**	**0.57**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
127-18-4	**Tetrachloroethylene**	**0.15**	J	ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 16:10	12/29/2011 16:10	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.1 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86.7-112*

Sample Information

Client Sample ID: **WQ122011:1350NP1-1-6** **York Sample ID:** **11L0809-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:50 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
71-55-6	**1,1,1-Trichloroethane**	**2.4**		ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-34-3	**1,1-Dichloroethane**	**0.83**		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-35-4	**1,1-Dichloroethylene**	**0.17**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR

Sample Information

Client Sample ID: **WQ122011:1350NP1-1-6** **York Sample ID:** **11L0809-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 1:50 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
67-66-3	**Chloroform**	**0.33**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.23**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-09-2	**Methylene chloride**	**0.49**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
127-18-4	**Tetrachloroethylene**	**4.0**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
79-01-6	**Trichloroethylene**	**0.15**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 16:53	12/29/2011 16:53	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.3 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122011:1400NP1-1-7 **York Sample ID:** 11L0809-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:00 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
71-55-6	**1,1,1-Trichloroethane**	**0.43**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-34-3	**1,1-Dichloroethane**	**0.28**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR

Sample Information

Client Sample ID: **WQ122011:1400NP1-1-7** **York Sample ID:** **11L0809-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:00 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
67-66-3	**Chloroform**	**0.11**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.13**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-09-2	**Methylene chloride**	**0.50**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
127-18-4	**Tetrachloroethylene**	**2.2**		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
79-01-6	**Trichloroethylene**	**0.11**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 17:36	12/29/2011 17:36	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.4 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122011:1410NP1-1-8 **York Sample ID:** 11L0809-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:10 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR

Sample Information

Client Sample ID: WQ122011:1410NP1-1-8 **York Sample ID:** 11L0809-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:10 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-09-2	**Methylene chloride**	**0.52**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 18:19	12/29/2011 18:19	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.1 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*86.7-112*

Sample Information

Client Sample ID: WQ122011:1420NP1-1-9 **York Sample ID:** 11L0809-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:20 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR

Sample Information

Client Sample ID: WQ122011:1420NP1-1-9 **York Sample ID:** 11L0809-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0809	Rowe Industries	Water	December 20, 2011 2:20 pm	12/22/2011

Volatile Organics, 8260 List - Low Level

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-09-2	**Methylene chloride**	**0.51**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/29/2011 19:01	12/29/2011 19:01	SR

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.4 %*	*75.7-121*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*71.3-131*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*86.7-112*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BL11174 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
11L0809-01	WQ122011:1310NP1-1-2	12/29/11
11L0809-02	WQ122011:1320NP1-1-3	12/29/11
11L0809-03	WQ122011:1330NP1-1-4	12/29/11
11L0809-04	WQ122011:1340NP1-1-5	12/29/11
11L0809-05	WQ122011:1350NP1-1-6	12/29/11
11L0809-06	WQ122011:1400NP1-1-7	12/29/11
11L0809-07	WQ122011:1410NP1-1-8	12/29/11
11L0809-08	WQ122011:1420NP1-1-9	12/29/11
BL11174-BLK1	Blank	12/29/11
BL11174-BS1	LCS	12/29/11
BL11174-BSD1	LCS Dup	12/29/11
BL11174-MS1	Matrix Spike	12/29/11
BL11174-MSD1	Matrix Spike Dup	12/29/11

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

York Analytical Laboratories, Inc.

Batch BL11174 - EPA 5030B

Blank (BL11174-BLK1) — Prepared & Analyzed: 12/29/2011

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.66	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.50	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.68	2.0	"								
Naphthalene	2.5	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								

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 BL11174 - EPA 5030B											
Blank (BL11174-BLK1)								Prepared & Analyzed: 12/29/2011			
sec-Butylbenzene	ND	0.50	ug/L								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.21*		*"*	*10.0*		*92.1*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*71.3-131*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*86.7-112*				
LCS (BL11174-BS1)								Prepared & Analyzed: 12/29/2011			
1,1,1,2-Tetrachloroethane	11.7		ug/L	10.0		117	82.3-130				
1,1,1-Trichloroethane	12.4		"	10.0		124	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	71.1-129				
1,1,2-Trichloroethane	11.0		"	10.0		110	74.5-129				
1,1-Dichloroethane	11.9		"	10.0		119	79.6-132				
1,1-Dichloroethylene	12.4		"	10.0		124	80.2-146				
1,1-Dichloropropylene	15.0		"	10.0		150	75-136	High Bias			
1,2,3-Trichlorobenzene	10.9		"	10.0		109	66.1-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131				
1,2,4-Trichlorobenzene	12.9		"	10.0		129	70.6-136				
1,2,4-Trimethylbenzene	12.6		"	10.0		126	75.3-135				
1,2-Dibromo-3-chloropropane	9.05		"	10.0		90.5	58.9-140				
1,2-Dibromoethane	11.1		"	10.0		111	79-130				
1,2-Dichlorobenzene	11.1		"	10.0		111	76.1-122				
1,2-Dichloroethane	10.9		"	10.0		109	74.6-132				
1,2-Dichloropropane	11.5		"	10.0		115	76.9-129				
1,3,5-Trimethylbenzene	11.2		"	10.0		112	70.6-127				
1,3-Dichlorobenzene	11.4		"	10.0		114	77-124				
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126				
1,4-Dichlorobenzene	11.9		"	10.0		119	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	11.9		"	10.0		119	66.3-119				
2-Hexanone	8.77		"	10.0		87.7	70-130				
4-Chlorotoluene	11.7		"	10.0		117	69.2-127				
Acetone	7.72		"	10.0		77.2	70-130				
Benzene	11.8		"	10.0		118	76.2-129				
Bromobenzene	11.0		"	10.0		110	71.3-123				
Bromochloromethane	11.8		"	10.0		118	70.8-137				
Bromodichloromethane	11.8		"	10.0		118	79.7-134				
Bromoform	11.2		"	10.0		112	70.5-141				
Bromomethane	6.11		"	10.0		61.1	43.9-147				
Carbon tetrachloride	16.4		"	10.0		164	78.1-138	High Bias			
Chlorobenzene	11.5		"	10.0		115	80.4-125				
Chloroethane	11.1		"	10.0		111	55.8-140				
Chloroform	11.9		"	10.0		119	76.6-133				
Chloromethane	7.92		"	10.0		79.2	48.8-115				

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 BL11174 - EPA 5030B											
LCS (BL11174-BS1)							Prepared & Analyzed: 12/29/2011				
cis-1,2-Dichloroethylene	11.5		ug/L	10.0		115	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	11.4		"	10.0		114	79.8-134				
Dibromomethane	11.4		"	10.0		114	79-130				
Dichlorodifluoromethane	8.52		"	10.0		85.2	47.1-101				
Ethyl Benzene	12.5		"	10.0		125	80.8-128				
Hexachlorobutadiene	12.4		"	10.0		124	64.8-128				
Isopropylbenzene	13.2		"	10.0		132	75.5-135				
Methyl tert-butyl ether (MTBE)	9.44		"	10.0		94.4	65.1-140				
Methylene chloride	6.48		"	10.0		64.8	61.3-120				
Naphthalene	7.60		"	10.0		76.0	62.3-148				
n-Butylbenzene	12.9		"	10.0		129	67.2-123	High Bias			
n-Propylbenzene	12.4		"	10.0		124	70.5-127				
o-Xylene	11.5		"	10.0		115	75.9-122				
p- & m- Xylenes	23.9		"	20.0		119	77.7-127				
p-Isopropyltoluene	12.9		"	10.0		129	75.6-129				
sec-Butylbenzene	12.4		"	10.0		124	71.5-125				
Styrene	11.4		"	10.0		114	77.8-123				
tert-Butylbenzene	14.4		"	10.0		144	75.9-151				
Tetrachloroethylene	13.0		"	10.0		130	63.6-167				
Toluene	11.9		"	10.0		119	77-123				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	12.1		"	10.0		121	77.9-130				
Trichlorofluoromethane	11.5		"	10.0		115	57.4-133				
Vinyl Chloride	9.05		"	10.0		90.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*71.3-131*				
Surrogate: Toluene-d8	*9.79*		*"*	*10.0*		*97.9*	*86.7-112*				

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 BL11174 - EPA 5030B											
LCS Dup (BL11174-BSD1)							Prepared & Analyzed: 12/29/2011				
1,1,1,2-Tetrachloroethane	11.5		ug/L	10.0		115	82.3-130		1.29	21.1	
1,1,1-Trichloroethane	12.6		"	10.0		126	75.6-137		1.12	19.7	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131		0.561	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	71.1-129		0.909	21.7	
1,1,2-Trichloroethane	10.9		"	10.0		109	74.5-129		1.37	20.3	
1,1-Dichloroethane	11.8		"	10.0		118	79.6-132		0.926	20.6	
1,1-Dichloroethylene	12.2		"	10.0		122	80.2-146		1.79	20	
1,1-Dichloropropylene	15.1		"	10.0		151	75-136	High Bias	0.798	19.3	
1,2,3-Trichlorobenzene	11.5		"	10.0		115	66.1-136		5.35	21.6	
1,2,3-Trichloropropane	10.0		"	10.0		100	63-131		5.35	23.9	
1,2,4-Trichlorobenzene	13.0		"	10.0		130	70.6-136		1.08	21.7	
1,2,4-Trimethylbenzene	12.5		"	10.0		125	75.3-135		1.43	18.8	
1,2-Dibromo-3-chloropropane	7.99		"	10.0		79.9	58.9-140		12.4	27.7	
1,2-Dibromoethane	11.4		"	10.0		114	79-130		2.67	23	
1,2-Dichlorobenzene	11.0		"	10.0		110	76.1-122		0.905	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		5.17	20.2	
1,2-Dichloropropane	11.4		"	10.0		114	76.9-129		0.959	20.7	
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70.6-127		5.46	18.9	
1,3-Dichlorobenzene	11.1		"	10.0		111	77-124		2.48	19.2	
1,3-Dichloropropane	10.7		"	10.0		107	75.8-126		1.13	22.1	
1,4-Dichlorobenzene	11.2		"	10.0		112	76.6-125		6.68	18.6	
2,2-Dichloropropane	11.5		"	10.0		115	69-133		5.93	19.8	
2-Chlorotoluene	11.3		"	10.0		113	66.3-119		5.35	21.6	
2-Hexanone	8.89		"	10.0		88.9	70-130		1.36	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		4.29	19	
Acetone	8.32		"	10.0		83.2	70-130		7.48	30	
Benzene	11.8		"	10.0		118	76.2-129		0.847	19	
Bromobenzene	10.6		"	10.0		106	71.3-123		3.43	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		7.75	23.9	
Bromodichloromethane	11.9		"	10.0		119	79.7-134		0.337	21	
Bromoform	11.4		"	10.0		114	70.5-141		1.69	21.8	
Bromomethane	6.80		"	10.0		68.0	43.9-147		10.7	28.4	
Carbon tetrachloride	16.0		"	10.0		160	78.1-138	High Bias	2.52	20.1	
Chlorobenzene	11.6		"	10.0		116	80.4-125		1.30	19.9	
Chloroethane	11.0		"	10.0		110	55.8-140		0.725	23.3	
Chloroform	11.7		"	10.0		117	76.6-133		1.61	20.3	
Chloromethane	8.02		"	10.0		80.2	48.8-115		1.25	24.5	
cis-1,2-Dichloroethylene	12.0		"	10.0		120	75.1-128		4.24	20.5	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128		4.04	19.9	
Dibromochloromethane	11.3		"	10.0		113	79.8-134		0.882	21.3	
Dibromomethane	11.3		"	10.0		113	79-130		0.879	22.4	
Dichlorodifluoromethane	8.36		"	10.0		83.6	47.1-101		1.90	23.9	
Ethyl Benzene	12.6		"	10.0		126	80.8-128		0.557	19.2	
Hexachlorobutadiene	11.8		"	10.0		118	64.8-128		4.30	20.6	
Isopropylbenzene	12.8		"	10.0		128	75.5-135		2.76	20	
Methyl tert-butyl ether (MTBE)	9.01		"	10.0		90.1	65.1-140		4.66	23.6	
Methylene chloride	6.64		"	10.0		66.4	61.3-120		2.44	20.4	
Naphthalene	10.2		"	10.0		102	62.3-148		29.1	27.1	Non-dir.
n-Butylbenzene	12.8		"	10.0		128	67.2-123	High Bias	1.09	19.1	
n-Propylbenzene	12.0		"	10.0		120	70.5-127		2.46	23.4	
o-Xylene	11.6		"	10.0		116	75.9-122		1.13	19.3	
p- & m- Xylenes	25.0		"	20.0		125	77.7-127		4.66	18.6	
p-Isopropyltoluene	12.6		"	10.0		126	75.6-129		2.51	19.1	

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 BL11174 - EPA 5030B											
LCS Dup (BL11174-BSD1)								Prepared & Analyzed: 12/29/2011			
sec-Butylbenzene	12.2		ug/L	10.0		122	71.5-125		1.88	18.9	
Styrene	11.5		"	10.0		115	77.8-123		0.871	20.9	
tert-Butylbenzene	13.9		"	10.0		139	75.9-151		3.45	20.9	
Tetrachloroethylene	13.2		"	10.0		132	63.6-167		1.07	27.7	
Toluene	12.0		"	10.0		120	77-123		0.419	18.7	
trans-1,2-Dichloroethylene	12.0		"	10.0		120	76.3-139		4.77	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.394	19.3	
Trichloroethylene	12.0		"	10.0		120	77.9-130		0.664	20.5	
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133		0.873	21.4	
Vinyl Chloride	9.41		"	10.0		94.1	54.9-124		3.90	22.3	
Surrogate: 1,2-Dichloroethane-d4	*8.92*		*"*	*10.0*		*89.2*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.71*		*"*	*10.0*		*97.1*	*71.3-131*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*86.7-112*				
Matrix Spike (BL11174-MS1)	*Source sample: 11L0809-01 (WQ122011:1310NP1-1-2)							Prepared & Analyzed: 12/29/2011			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	ND	106	82-138				
1,1,1-Trichloroethane	11.7		"	10.0	0.490	112	85.7-133				
1,1,2,2-Tetrachloroethane	10.6		"	10.0	ND	106	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0	ND	108	74.8-131				
1,1,2-Trichloroethane	10.8		"	10.0	ND	108	82.5-129				
1,1-Dichloroethane	11.2		"	10.0	0.110	111	81.4-137				
1,1-Dichloroethylene	10.9		"	10.0	ND	109	90-138				
1,1-Dichloropropylene	12.2		"	10.0	ND	122	91.7-131				
1,2,3-Trichlorobenzene	8.58		"	10.0	ND	85.8	75.9-130				
1,2,3-Trichloropropane	9.21		"	10.0	ND	92.1	77.1-140				
1,2,4-Trichlorobenzene	9.82		"	10.0	ND	98.2	69.8-135				
1,2,4-Trimethylbenzene	10.4		"	10.0	ND	104	79.4-131				
1,2-Dibromo-3-chloropropane	7.14		"	10.0	ND	71.4	66.6-143				
1,2-Dibromoethane	10.5		"	10.0	ND	105	79.8-136				
1,2-Dichlorobenzene	9.84		"	10.0	ND	98.4	79.9-130				
1,2-Dichloroethane	10.2		"	10.0	ND	102	85-133				
1,2-Dichloropropane	10.6		"	10.0	ND	106	81.1-132				
1,3,5-Trimethylbenzene	10.2		"	10.0	ND	102	76.1-121				
1,3-Dichlorobenzene	10.0		"	10.0	ND	100	79.1-124				
1,3-Dichloropropane	10.2		"	10.0	ND	102	83.3-130				
1,4-Dichlorobenzene	10.3		"	10.0	ND	103	79.4-128				
2,2-Dichloropropane	8.21		"	10.0	ND	82.1	54.2-126				
2-Chlorotoluene	10.6		"	10.0	ND	106	60.2-144				
2-Hexanone	7.57		"	10.0	ND	75.7	70-130				
4-Chlorotoluene	9.72		"	10.0	ND	97.2	79.8-128				
Acetone	7.64		"	10.0	ND	76.4	70-130				
Benzene	11.1		"	10.0	ND	111	74.1-134				
Bromobenzene	9.76		"	10.0	ND	97.6	76.6-125				
Bromochloromethane	10.6		"	10.0	ND	106	85-133				
Bromodichloromethane	11.1		"	10.0	ND	111	80.8-143				
Bromoform	10.1		"	10.0	ND	101	65.8-164				
Bromomethane	5.89		"	10.0	ND	58.9	68.7-112	Low Bias			
Carbon tetrachloride	13.5		"	10.0	ND	135	85.7-138				
Chlorobenzene	10.5		"	10.0	ND	105	79.9-129				
Chloroethane	10.2		"	10.0	ND	102	74.7-127				
Chloroform	11.3		"	10.0	0.160	112	50.6-145				
Chloromethane	7.60		"	10.0	ND	76.0	64-111				
cis-1,2-Dichloroethylene	11.1		"	10.0	ND	111	75.5-129				

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 BL11174 - EPA 5030B											
Matrix Spike (BL11174-MS1)	*Source sample: 11L0809-01 (WQ122011:1310NP1-1-2)							Prepared & Analyzed: 12/29/2011			
cis-1,3-Dichloropropylene	8.98		ug/L	10.0	ND	89.8	74.3-128				
Dibromochloromethane	10.1		"	10.0	ND	101	76.8-150				
Dibromomethane	10.8		"	10.0	ND	108	83.3-140				
Dichlorodifluoromethane	7.77		"	10.0	ND	77.7	51-100				
Ethyl Benzene	11.2		"	10.0	ND	112	82.9-127				
Hexachlorobutadiene	9.60		"	10.0	ND	96.0	73-128				
Isopropylbenzene	11.3		"	10.0	ND	113	78.7-131				
Methyl tert-butyl ether (MTBE)	9.28		"	10.0	ND	92.8	81.2-134				
Methylene chloride	5.93		"	10.0	0.440	54.9	57.8-103	Low Bias			
Naphthalene	5.36		"	10.0	0.410	49.5	80.1-122	Low Bias			
n-Butylbenzene	10.1		"	10.0	ND	101	72.4-120				
n-Propylbenzene	10.6		"	10.0	ND	106	74-130				
o-Xylene	10.4		"	10.0	ND	104	78.8-122				
p- & m- Xylenes	22.0		"	20.0	ND	110	82.5-123				
p-Isopropyltoluene	10.4		"	10.0	ND	104	64.9-132				
sec-Butylbenzene	10.4		"	10.0	ND	104	25.4-151				
Styrene	10.3		"	10.0	ND	103	74.1-134				
tert-Butylbenzene	12.1		"	10.0	ND	121	79.5-171				
Tetrachloroethylene	12.3		"	10.0	1.00	113	72.5-130				
Toluene	10.9		"	10.0	ND	109	77.8-121				
trans-1,2-Dichloroethylene	10.7		"	10.0	ND	107	83.8-140				
trans-1,3-Dichloropropylene	8.96		"	10.0	ND	89.6	74.9-136				
Trichloroethylene	11.2		"	10.0	0.250	109	84.4-125				
Trichlorofluoromethane	10.5		"	10.0	ND	105	78.7-127				
Vinyl Chloride	8.45		"	10.0	ND	84.5	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*9.61*		*"*	*10.0*		*96.1*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*71.3-131*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*86.7-112*				

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

York Analytical Laboratories, Inc.

Batch BL11174 - EPA 5030B

Matrix Spike Dup (BL11174-MSD1) *Source sample: 11L0809-01 (WQ122011:1310NP1-1-2) Prepared & Analyzed: 12/29/2011

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0	ND	103	82-138		2.68	21.3	
1,1,1-Trichloroethane	11.3		"	10.0	0.490	108	85.7-133		3.72	22.6	
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136		3.77	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0	ND	104	74.8-131		3.60	25.6	
1,1,2-Trichloroethane	10.6		"	10.0	ND	106	82.5-129		1.87	19.3	
1,1-Dichloroethane	10.8		"	10.0	0.110	106	81.4-137		4.41	20.7	
1,1-Dichloroethylene	10.6		"	10.0	ND	106	90-138		2.79	22.9	
1,1-Dichloropropylene	12.2		"	10.0	ND	122	91.7-131		0.327	24.9	
1,2,3-Trichlorobenzene	9.77		"	10.0	ND	97.7	75.9-130		13.0	21.4	
1,2,3-Trichloropropane	9.14		"	10.0	ND	91.4	77.1-140		0.763	28	
1,2,4-Trichlorobenzene	11.3		"	10.0	ND	113	69.8-135		13.8	22.5	
1,2,4-Trimethylbenzene	10.9		"	10.0	ND	109	79.4-131		4.96	33.9	
1,2-Dibromo-3-chloropropane	6.99		"	10.0	ND	69.9	66.6-143		2.12	23.3	
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136		1.88	19.1	
1,2-Dichlorobenzene	10.2		"	10.0	ND	102	79.9-130		3.10	23.2	
1,2-Dichloroethane	10.3		"	10.0	ND	103	85-133		0.195	19.1	
1,2-Dichloropropane	10.6		"	10.0	ND	106	81.1-132		0.849	19.9	
1,3,5-Trimethylbenzene	10.4		"	10.0	ND	104	76.1-121		1.85	31.2	
1,3-Dichlorobenzene	10.4		"	10.0	ND	104	79.1-124		4.11	22.6	
1,3-Dichloropropane	10.3		"	10.0	ND	103	83.3-130		1.46	20.9	
1,4-Dichlorobenzene	10.3		"	10.0	ND	103	79.4-128		0.0969	21	
2,2-Dichloropropane	7.80		"	10.0	ND	78.0	54.2-126		5.12	24.5	
2-Chlorotoluene	10.2		"	10.0	ND	102	60.2-144		4.14	30.8	
2-Hexanone	7.92		"	10.0	ND	79.2	70-130		4.52	30	
4-Chlorotoluene	10.2		"	10.0	ND	102	79.8-128		4.72	23.2	
Acetone	5.30		"	10.0	ND	53.0	70-130	Low Bias	36.2	30	Non-dir.
Benzene	10.7		"	10.0	ND	107	74.1-134		4.04	20.8	
Bromobenzene	9.82		"	10.0	ND	98.2	76.6-125		0.613	23	
Bromochloromethane	10.4		"	10.0	ND	104	85-133		2.58	18.4	
Bromodichloromethane	11.0		"	10.0	ND	110	80.8-143		0.452	18.1	
Bromoform	9.84		"	10.0	ND	98.4	65.8-164		2.31	27.3	
Bromomethane	6.50		"	10.0	ND	65.0	68.7-112	Low Bias	9.85	22.8	
Carbon tetrachloride	13.2		"	10.0	ND	132	85.7-138		1.57	25.1	
Chlorobenzene	10.6		"	10.0	ND	106	79.9-129		0.759	21	
Chloroethane	9.28		"	10.0	ND	92.8	74.7-127		9.05	23.7	
Chloroform	10.9		"	10.0	0.160	108	50.6-145		3.65	21.7	
Chloromethane	7.15		"	10.0	ND	71.5	64-111		6.10	21.4	
cis-1,2-Dichloroethylene	10.8		"	10.0	ND	108	75.5-129		2.55	20.2	
cis-1,3-Dichloropropylene	8.81		"	10.0	ND	88.1	74.3-128		1.91	19.8	
Dibromochloromethane	10.6		"	10.0	ND	106	76.8-150		4.92	20.8	
Dibromomethane	11.1		"	10.0	ND	111	83.3-140		2.28	20.4	
Dichlorodifluoromethane	7.41		"	10.0	ND	74.1	51-100		4.74	27.6	
Ethyl Benzene	11.2		"	10.0	ND	112	82.9-127		0.178	21.4	
Hexachlorobutadiene	9.96		"	10.0	ND	99.6	73-128		3.68	26	
Isopropylbenzene	11.4		"	10.0	ND	114	78.7-131		0.972	26.7	
Methyl tert-butyl ether (MTBE)	8.79		"	10.0	ND	87.9	81.2-134		5.42	21.2	
Methylene chloride	5.72		"	10.0	0.440	52.8	57.8-103	Low Bias	3.90	21.2	
Naphthalene	6.76		"	10.0	0.410	63.5	80.1-122	Low Bias	24.8	26.1	
n-Butylbenzene	10.8		"	10.0	ND	108	72.4-120		6.99	30.8	
n-Propylbenzene	10.8		"	10.0	ND	108	74-130		1.96	31	
o-Xylene	10.3		"	10.0	ND	103	78.8-122		0.386	21	
p- & m- Xylenes	21.4		"	20.0	ND	107	82.5-123		2.72	22.5	
p-Isopropyltoluene	10.9		"	10.0	ND	109	64.9-132		4.50	25.2	

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 BL11174 - EPA 5030B											
Matrix Spike Dup (BL11174-MSD1)	*Source sample: 11L0809-01 (WQ122011:1310NP1-1-2)							Prepared & Analyzed: 12/29/2011			
sec-Butylbenzene	10.8		ug/L	10.0	ND	108	25.4-151		3.29	25.2	
Styrene	10.3		"	10.0	ND	103	74.1-134		0.194	20	
tert-Butylbenzene	11.3		"	10.0	ND	113	79.5-171		6.76	24.8	
Tetrachloroethylene	12.3		"	10.0	1.00	113	72.5-130		0.177	22.7	
Toluene	10.7		"	10.0	ND	107	77.8-121		1.94	21.5	
trans-1,2-Dichloroethylene	9.92		"	10.0	ND	99.2	83.8-140		7.57	20.1	
trans-1,3-Dichloropropylene	8.66		"	10.0	ND	86.6	74.9-136		3.41	22.5	
Trichloroethylene	10.8		"	10.0	0.250	105	84.4-125		3.45	20.7	
Trichlorofluoromethane	9.97		"	10.0	ND	99.7	78.7-127		5.37	24.7	
Vinyl Chloride	8.12		"	10.0	ND	81.2	72.1-116		3.98	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*75.7-121*				
Surrogate: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*71.3-131*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*86.7-112*				

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. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 11L0809

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same	Purchase Order no. NABSAG	RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:		RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		RUSH Four Day	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	Standard (5-7 days) X	Excel
				OTHER	EDD x, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
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	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MIBAS	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)
WQ122011:1310NP1-1-2	12/20/11	1310	GW	VOC 8260 full list (EPA SW846-8260B)	2V
WQ122011:1310NP1-1-2MS		1310	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1310NP1-1-2MSD		1310	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1320NP1-1-3		1320	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1330NP1-1-4		1330	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1340NP1-1-5		1340	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1350NP1-1-6		1350	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1400NP1-1-7		1400	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ122011:1410NP1-1-8		1410			
WQ122011:1420NP1-1-9		1420			

Comments

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

Samples Relinquished By — Date/Time: 12/22/11 11-
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time:
Samples Received in LAB by — Date/Time: 12/22/11-1050

Temperature on Receipt: 4.8 °C

APPENDIX III
DECEMBER 2011 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0950

Report Date: 01/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 11L0950

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

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 December 28, 2011 and listed below. The project was identified as your project: **Rowe Industries**.

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
11L0950-01	AQ122711:1130NP4-1	Vapor Extraction	12/27/2011	12/28/2011
11L0950-02	AQ122711:1135NP4-2	Vapor Extraction	12/27/2011	12/28/2011
11L0950-03	AQ122711:1140NP4-3	Vapor Extraction	12/27/2011	12/28/2011

General Notes for York Project (SDG) No.: 11L0950

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

Approved By: 

Date: 01/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ122711:1130NP4-1 **York Sample ID:** 11L0950-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**17**		ug/m³	0.17	0.92	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.28	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.090	1.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.23	0.92	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-34-3	**1,1-Dichloroethane**	**8.1**		ug/m³	0.082	0.68	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.28	1.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-63-6	**1,2,4-Trimethylbenzene**	**5.8**		ug/m³	0.099	4.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.25	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.16	0.68	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.17	0.78	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.20	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.18	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.22	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.55	6.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
540-84-1	**2,2,4-Trimethylpentane**	**3.0**		ug/m³	0.095	0.79	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
78-93-3	**2-Butanone**	**4.5**		ug/m³	0.20	0.50	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
591-78-6	2-Hexanone	ND		ug/m³	0.38	1.4	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.095	5.3	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.25	0.69	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-64-1	**Acetone**	**14**		ug/m³	0.12	0.40	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
71-43-2	**Benzene**	**5.2**		ug/m³	0.081	0.54	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.10	0.87	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.25	1.0	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-25-2	Bromoform	ND		ug/m³	0.31	1.7	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
74-83-9	Bromomethane	ND		ug/m³	0.079	0.65	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-15-0	**Carbon disulfide**	**5.3**		ug/m³	0.063	0.53	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.53	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.78	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-00-3	Chloroethane	ND		ug/m³	0.053	0.44	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-66-3	**Chloroform**	**3.1**		ug/m³	0.12	0.82	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
74-87-3	Chloromethane	ND		ug/m³	0.10	0.35	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
156-59-2	**cis-1,2-Dichloroethylene**	**3.2**		ug/m³	0.11	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD

Sample Information

Client Sample ID: **AQ122711:1130NP4-1** **York Sample ID:** **11L0950-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.19	0.77	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
110-82-7	**Cyclohexane**	**3.1**		ug/m³	0.070	0.58	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.21	0.83	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.15	0.61	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-41-4	**Ethyl Benzene**	**12**		ug/m³	0.13	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.32	1.8	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
67-63-0	Isopropanol	ND		ug/m³	0.15	0.41	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.073	0.61	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-09-2	**Methylene chloride**	**3.3**	B	ug/m³	0.14	0.59	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
142-82-5	**n-Heptane**	**7.0**		ug/m³	0.083	0.69	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
110-54-3	**n-Hexane**	**16**		ug/m³	0.071	0.59	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
95-47-6	**o-Xylene**	**6.2**		ug/m³	0.13	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
1330-20-7P/M	**p- & m- Xylenes**	**19**		ug/m³	0.25	0.73	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
622-96-8	**p-Ethyltoluene**	**5.8**		ug/m³	0.15	4.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
115-07-01	Propylene	ND		ug/m³	0.13	0.29	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.72	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
127-18-4	**Tetrachloroethylene**	**48**		ug/m³	0.14	1.1	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
109-99-9	**Tetrahydrofuran**	**8.9**		ug/m³	0.12	0.50	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-88-3	**Toluene**	**74**		ug/m³	0.15	0.64	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.080	0.67	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.77	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
79-01-6	**Trichloroethylene**	**3.8**		ug/m³	0.11	0.45	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.057	0.95	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.089	1.2	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.11	0.74	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.86	1.658	EPA Compendium TO-15	01/03/2012 14:00	01/03/2012 14:00	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**14**		ug/m³	0.34	1.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.57	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.19	2.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.48	1.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-34-3	**1,1-Dichloroethane**	**9.5**		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.21	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.57	2.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.21	8.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.52	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.34	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.35	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.41	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.22	3.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.23	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.38	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.46	2.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	13	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.20	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.41	1.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
591-78-6	2-Hexanone	ND		ug/m³	0.79	2.9	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.20	11	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.51	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-64-1	**Acetone**	**8.7**		ug/m³	0.26	0.83	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
71-43-2	**Benzene**	**5.3**		ug/m³	0.17	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.22	1.8	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.52	2.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-25-2	Bromoform	ND		ug/m³	0.65	3.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
74-83-9	Bromomethane	ND		ug/m³	0.16	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-15-0	**Carbon disulfide**	**5.9**		ug/m³	0.13	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	1.1	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.29	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-00-3	Chloroethane	ND		ug/m³	0.11	0.92	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-66-3	Chloroform	ND		ug/m³	0.26	1.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
74-87-3	Chloromethane	ND		ug/m³	0.22	0.72	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.23	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.40	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD

Sample Information

Client Sample ID: **AQ122711:1135NP4-2** **York Sample ID:** **11L0950-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	**Cyclohexane**	**3.0**		ug/m³	0.14	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.43	1.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.31	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-41-4	**Ethyl Benzene**	**4.8**		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.67	3.7	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
67-63-0	Isopropanol	ND		ug/m³	0.30	0.86	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.15	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-09-2	**Methylene chloride**	**4.5**	B	ug/m³	0.29	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
142-82-5	**n-Heptane**	**6.1**		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
110-54-3	**n-Hexane**	**16**		ug/m³	0.15	1.2	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
95-47-6	o-Xylene	ND		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
1330-20-7P/M	**p- & m- Xylenes**	**3.6**		ug/m³	0.51	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.31	8.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
115-07-01	Propylene	ND		ug/m³	0.28	0.60	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
100-42-5	Styrene	ND		ug/m³	0.27	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
127-18-4	**Tetrachloroethylene**	**240**		ug/m³	0.28	2.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
109-99-9	**Tetrahydrofuran**	**8.5**		ug/m³	0.26	1.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-88-3	**Toluene**	**48**		ug/m³	0.32	1.3	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.17	1.4	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.28	1.6	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
79-01-6	**Trichloroethylene**	**5.8**		ug/m³	0.22	0.94	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.12	2.0	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.18	2.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.23	1.5	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.8	3.428	EPA Compendium TO-15	01/03/2012 15:41	01/03/2012 15:41	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*70-130*

Sample Information

Client Sample ID: **AQ122711:1140NP4-3** **York Sample ID:** **11L0950-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: AQ122711:1140NP4-3 **York Sample ID:** 11L0950-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.85	4.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.4	5.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.46	6.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.2	4.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.42	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.52	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	6.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.51	21	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.3	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.84	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.88	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.0	6.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.55	8.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.56	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.94	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	5.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
123-91-1	1,4-Dioxane	ND		ug/m³	2.8	31	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
540-84-1	2,2,4-Trimethylpentane	ND		ug/m³	0.49	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
78-93-3	2-Butanone	ND		ug/m³	1.0	2.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
591-78-6	2-Hexanone	ND		ug/m³	2.0	7.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
107-05-1	3-Chloropropene	ND		ug/m³	0.49	27	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.3	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-64-1	**Acetone**	**26**		ug/m³	0.64	2.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
71-43-2	**Benzene**	**24**		ug/m³	0.42	2.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.54	4.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.3	5.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-25-2	Bromoform	ND		ug/m³	1.6	9.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
74-83-9	Bromomethane	ND		ug/m³	0.40	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	2.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.65	2.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.72	4.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	2.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-66-3	Chloroform	ND		ug/m³	0.63	4.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
74-87-3	Chloromethane	ND		ug/m³	0.54	1.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD

Sample Information

Client Sample ID: **AQ122711:1140NP4-3** **York Sample ID:** **11L0950-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
11L0950	Rowe Industries	Vapor Extraction	December 27, 2011 3:00 pm	12/28/2011

Volatile Organics, EPA TO15 Full List

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.58	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.98	3.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
110-82-7	**Cyclohexane**	**15**		ug/m³	0.36	3.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	1.1	4.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.78	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-41-4	**Ethyl Benzene**	**44**		ug/m³	0.68	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	9.2	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
67-63-0	Isopropanol	ND		ug/m³	0.75	2.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-09-2	**Methylene chloride**	**15**	B	ug/m³	0.72	3.0	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
142-82-5	**n-Heptane**	**29**		ug/m³	0.43	3.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
110-54-3	**n-Hexane**	**77**		ug/m³	0.37	3.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
95-47-6	**o-Xylene**	**21**		ug/m³	0.68	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
1330-20-7P/M	**p- & m- Xylenes**	**68**		ug/m³	1.3	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.77	21	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
115-07-01	Propylene	ND		ug/m³	0.69	1.5	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
100-42-5	Styrene	ND		ug/m³	0.66	3.7	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.70	5.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
109-99-9	**Tetrahydrofuran**	**31**		ug/m³	0.64	2.6	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-88-3	**Toluene**	**280**		ug/m³	0.78	3.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.41	3.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.71	3.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.56	2.3	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.29	4.9	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.46	6.1	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
593-60-2	Vinyl bromide	ND		ug/m³	0.57	3.8	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.53	4.4	8.515	EPA Compendium TO-15	01/03/2012 16:31	01/03/2012 16:31	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA20126 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
11L0950-01	AQ122711:1130NP4-1	01/03/12
11L0950-02	AQ122711:1135NP4-2	01/03/12
11L0950-03	AQ122711:1140NP4-3	01/03/12
BA20126-BLK1	Blank	01/03/12
BA20126-BS1	LCS	01/03/12
BA20126-DUP1	Duplicate	01/03/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP

Blank (BA20126-BLK1) — Prepared & Analyzed: 01/03/2012

Vinyl Chloride	ND	0.52	ug/m³
Vinyl bromide	ND	0.44	"
Vinyl acetate	ND	0.72	"
Trichloroethylene	ND	0.27	"
trans-1,3-Dichloropropylene	ND	0.46	"
trans-1,2-Dichloroethylene	ND	0.40	"
Toluene	ND	0.38	"
Tetrahydrofuran	ND	0.30	"
Tetrachloroethylene	ND	0.69	"
Styrene	ND	0.43	"
Propylene	ND	0.18	"
p-Ethyltoluene	ND	2.5	"
p- & m- Xylenes	ND	0.44	"
o-Xylene	ND	0.44	"
n-Hexane	ND	0.36	"
n-Heptane	ND	0.42	"
Methylene chloride	0.78	0.35	"
Methyl tert-butyl ether (MTBE)	ND	0.37	"
4-Methyl-2-pentanone	ND	0.42	"
Isopropanol	ND	0.25	"
Hexachlorobutadiene	ND	1.1	"
Ethyl Benzene	ND	0.44	"
Ethyl acetate	ND	0.37	"
Cyclohexane	ND	0.35	"
cis-1,3-Dichloropropylene	ND	0.46	"
cis-1,2-Dichloroethylene	ND	0.40	"
Chloromethane	ND	0.21	"
Chloroform	ND	0.50	"
Chloroethane	ND	0.27	"
Carbon tetrachloride	ND	0.32	"
Carbon disulfide	ND	0.32	"
Bromomethane	ND	0.39	"
Bromoform	ND	1.1	"
Bromodichloromethane	ND	0.63	"
Benzyl chloride	ND	0.53	"
Benzene	ND	0.32	"
Acetone	ND	0.24	"
3-Chloropropene	ND	3.2	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
2,2,4-Trimethylpentane	ND	0.48	"
1,4-Dioxane	ND	3.7	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,2-Dichlorotetrafluoroethane	ND	0.71	"
1,2-Dichloropropane	ND	0.47	"
1,2-Dichloroethane	ND	0.41	"
1,2-Dichlorobenzene	ND	0.61	"
1,2,4-Trimethylbenzene	ND	2.5	"
1,2,4-Trichlorobenzene	ND	0.75	"
1,1-Dichloroethylene	ND	0.40	"
1,1-Dichloroethane	ND	0.41	"

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
Blank (BA20126-BLK1)								Prepared & Analyzed: 01/03/2012			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
Dichlorodifluoromethane	ND	0.50	"								
1,1,1-Trichloroethane	ND	0.55	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.51*		*ppbv*	*10.0*		*85.1*	*70-130*				
LCS (BA20126-BS1)								Prepared & Analyzed: 01/03/2012			
Vinyl Chloride	10.3		ppbv	11.6		89.0	70-130				
Vinyl bromide	13.4		"	11.0		122	56.7-132				
Vinyl acetate	12.4		"	11.1		112	58.1-135				
Trichloroethylene	9.62		"	10.5		91.6	70-130				
trans-1,3-Dichloropropylene	11.4		"	11.1		103	62-135				
trans-1,2-Dichloroethylene	10.7		"	11.1		96.6	58.3-130				
Toluene	10.4		"	11.1		94.1	64.9-126				
Tetrahydrofuran	14.0		"	11.2		125	44.6-146				
Tetrachloroethylene	10.8		"	10.9		99.2	70-130				
Styrene	12.4		"	11.3		110	66.4-132				
Propylene	12.6		"	11.0		115	62.4-150				
p-Ethyltoluene	11.7		"	11.1		105	73.8-146				
p- & m- Xylenes	21.6		"	22.3		96.8	56.6-136				
o-Xylene	11.4		"	11.0		104	67.8-133				
n-Hexane	10.7		"	10.9		98.2	59.7-130				
n-Heptane	11.4		"	11.0		103	62.3-134				
Methylene chloride	8.31		"	11.1		74.9	62.6-130				
Methyl tert-butyl ether (MTBE)	12.9		"	11.3		114	60.7-139				
4-Methyl-2-pentanone	14.9		"	11.4		131	64.5-158				
Isopropanol	13.1		"	11.5		114	60-150				
Hexachlorobutadiene	9.29		"	11.2		82.9	61.2-150				
Ethyl Benzene	10.7		"	11.1		96.4	68.4-125				
Ethyl acetate	12.1		"	11.4		106	40.6-150				
Cyclohexane	11.1		"	10.9		102	60.4-127				
cis-1,3-Dichloropropylene	10.9		"	11.1		98.0	65.5-129				
cis-1,2-Dichloroethylene	9.21		"	10.8		85.3	51.3-118				
Chloromethane	10.1		"	11.0		92.2	64.9-130				
Chloroform	9.85		"	11.3		87.2	65.1-130				
Chloroethane	12.5		"	11.0		113	52.1-131				
Carbon tetrachloride	10.8		"	10.5		103	70-130				
Carbon disulfide	10.8		"	11.2		96.4	61.8-111				
Bromomethane	12.4		"	11.0		113	60.1-140				
Bromoform	12.0		"	10.8		111	58.7-150				
Bromodichloromethane	9.93		"	11.0		90.3	65.3-127				
Benzyl chloride	11.3		"	10.8		105	62.5-150				
Benzene	10.2		"	10.9		93.8	69.5-130				
Acetone	9.68		"	11.5		84.2	55.3-133				
3-Chloropropene	11.0		"	10.8		102	61.2-158				
2-Hexanone	21.2		"	11.4		186	52-150	High Bias			
2-Butanone	12.3		"	11.3		109	28.5-154				
2,2,4-Trimethylpentane	10.8		"	11.1		97.7	64.7-118				
1,4-Dioxane	19.2		"	11.6		166	50-150	High Bias			
1,4-Dichlorobenzene	12.8		"	11.7		109	62.5-139				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
LCS (BA20126-BS1)								Prepared & Analyzed: 01/03/2012			
1,3-Dichlorobenzene	12.8		ppbv	10.6		121	71.9-153				
1,3-Butadiene	12.0		"	11.0		109	66.7-127				
1,3,5-Trimethylbenzene	11.8		"	11.0		107	65-152				
1,2-Dichlorotetrafluoroethane	11.0		"	11.0		99.7	63.3-129				
1,2-Dichloropropane	9.31		"	10.8		86.2	21.3-152				
1,2-Dichloroethane	10.0		"	11.0		91.1	51.2-124				
1,2-Dichlorobenzene	12.7		"	11.0		115	63.7-148				
1,2,4-Trimethylbenzene	11.6		"	11.0		106	67.9-152				
1,2,4-Trichlorobenzene	9.81		"	10.7		91.7	58-147				
1,1-Dichloroethylene	10.5		"	11.0		95.8	58.1-130				
1,1-Dichloroethane	10.5		"	11.2		93.9	63.3-130				
Trichlorofluoromethane (Freon 11)	12.3		"	11.2		110	56-132				
1,1,2-Trichloroethane	10.0		"	11.0		91.1	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	11.0		93.7	60.2-125				
1,1,2,2-Tetrachloroethane	11.6		"	11.0		105	63.7-132				
Dichlorodifluoromethane	11.4		"	11.0		104	62.8-133				
1,1,1-Trichloroethane	10.3		"	11.0		93.5	58.2-126				
Chlorobenzene	10.1		"	11.3		89.7	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				
Duplicate (BA20126-DUP1)	*Source sample: 11L0950-01 (AQ122711:1130NP4-1)							Prepared & Analyzed: 01/03/2012			
Vinyl Chloride	ND	0.86	ug/m³		ND					25	
Vinyl bromide	ND	0.74	"		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	4.0	0.45	"		3.8				4.65	25	
trans-1,3-Dichloropropylene	ND	0.77	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.67	"		ND					25	
Toluene	74	0.64	"		74				0.343	25	
Tetrahydrofuran	9.1	0.50	"		8.9				2.21	25	
Tetrachloroethylene	48	1.1	"		48				1.43	25	
Styrene	ND	0.72	"		ND					25	
Propylene	ND	0.29	"		ND					25	
p-Ethyltoluene	5.8	4.1	"		5.8				0.00	25	
p- & m- Xylenes	19	0.73	"		19				0.778	25	
o-Xylene	6.3	0.73	"		6.2				1.17	25	
n-Hexane	16	0.59	"		16				1.09	25	
n-Heptane	7.0	0.69	"		7.0				0.985	25	
Methylene chloride	2.9	0.59	"		3.3				15.1	25	
Methyl tert-butyl ether (MTBE)	ND	0.61	"		ND					25	
4-Methyl-2-pentanone	ND	0.69	"		ND					25	
Isopropanol	ND	0.41	"		ND					25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	12	0.73	"		12				0.00	25	
Ethyl acetate	ND	0.61	"		ND					25	
Cyclohexane	3.3	0.58	"		3.1				3.64	25	
cis-1,3-Dichloropropylene	ND	0.77	"		ND					25	
cis-1,2-Dichloroethylene	3.3	0.67	"		3.2				4.08	25	
Chloromethane	ND	0.35	"		ND					25	
Chloroform	3.4	0.82	"		3.1				7.59	25	
Chloroethane	ND	0.44	"		ND					25	
Carbon tetrachloride	2.0	0.53	"		ND					25	
Carbon disulfide	5.4	0.53	"		5.3				1.98	25	
Bromomethane	ND	0.65	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BA20126 - EPA TO15 PREP											
Duplicate (BA20126-DUP1)	*Source sample: 11L0950-01 (AQ122711:1130NP4-1)								Prepared & Analyzed: 01/03/2012		
Bromoform	ND	1.7	ug/m³		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Benzyl chloride	ND	0.87	"		ND					25	
Benzene	5.3	0.54	"		5.2				2.04	25	
Acetone	14	0.40	"		14				2.01	25	
3-Chloropropene	ND	5.3	"		ND					25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	4.6	0.50	"		4.5				2.17	25	
2,2,4-Trimethylpentane	3.1	0.79	"		3.0				2.60	25	
1,4-Dioxane	ND	6.1	"		ND					25	
1,4-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Butadiene	ND	0.73	"		ND					25	
1,3,5-Trimethylbenzene	1.7	1.7	"		1.6				5.13	25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.78	"		ND					25	
1,2-Dichloroethane	ND	0.68	"		ND					25	
1,2-Dichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	5.7	4.1	"		5.8				1.44	25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.67	"		ND					25	
1,1-Dichloroethane	8.2	0.68	"		8.1				0.837	25	
Trichlorofluoromethane (Freon 11)	ND	0.95	"		ND					25	
1,1,2-Trichloroethane	ND	0.92	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	17	0.92	"		17				0.528	25	
Dichlorodifluoromethane	2.7	0.83	"		2.6				3.17	25	
Chlorobenzene	ND	0.78	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.3*		*ppbv*	*10.0*		*103*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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: Date Sampled Not Indicated on Chain-of-Custody - JG 12/28/2011

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

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. 11L0950

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
Company: LBG	Company: Same	Company: Same	Rowe Industries	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	NJDEP Reduced
					Electronic Deliverables:
					EDD (Specify Type)
					Standard Excel X
					Regulatory Comparison Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Air Matrix Codes

AI -	INDOOR Ambient Air
AO-	OUTDOOR Amb. Air
AE-	Vapor Extraction Well/ Process Gas/Effluent
AS-	SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER

Detection Limits Required

- ≤ 1 ug/m³
- NYSDEC VI Limits (VI = vapor intrusion)
- NJDEP low level
- Routine Survey
- Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ122711: 1130NP1-1		AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
AQ122711: 1135NP1-2		AE				6 Liter Summa canister ✓ Tedlar Bag
AQ122711: 1140NP1-3		AE				6 Liter Summa canister ✓ Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By	12/28/2011 1330 Date/Time	Samples Received By	12-28-11 13:30 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	12/28/11-1630 Date/Time