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PROJECT STATUS MEMORANDUM NO. 08-12

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

DATE: October 10, 2012

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
August 2012 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 August 1, 2012 through August 31, 2012. 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

(August 1, 2012 through August 31, 2012)

1. Hours of operation during the reporting period:	592 hours (79.6%)
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:	5,007,758 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:	0.36 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	224.8 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.02 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 (0.00024 lbs/hr)

*Values represent the FSP&T system recovery wells only, the FP&T system recovery wells were off during the month of August.

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the operating recovery wells during the above-referenced 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 II.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm)[1/]	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	1,019,412	27	13	2.8	0.02
RW-4	924,352	26	10	9.6	0.07
RW-6	510,743	15	15	7.0	0.03
RW-7	2,067,897	70	69	0.9	0.02

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

The following recovery wells have been shut down after receiving EPA approval:

- RW-1 was shut down on July 13, 2005;
- RW-3 was shut down on May 21, 2012;
- RW-5 was shut down on May 23, 2012;
- RW-8 was shut down on April 30, 2012; and
- RW-9 was shut down on April 23, 2012.

Evaluation of Groundwater Quality

During August 2012, VOCs of concern for the site were below applicable or relevant and appropriate requirements (ARARs) in the groundwater samples collected from recovery wells RW-2, RW-3, RW-4, RW-5, RW-6, RW-7, RW-8 and RW-9. However, low concentrations of VOCs continue to be detected in the groundwater at some of these wells. The low concentrations of VOCs detected during the month of August did not activate the procedures define in the Recovery Well Shutdown Plan for resampling or restarting the non-operating wells. The groundwater quality at these recovery wells will continue to be monitored monthly.

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, the Focus Recovery Wells (FRWs) were off due to a planned temporary shutdown to evaluate FDSA groundwater quality under non-pumping conditions.

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 in groundwater at each FRW. Laboratory analytical reports are included in Appendix II.

Evaluation of Groundwater Quality

In order to assess if rebound of contaminant concentrations occurs during static conditions, and to obtain additional groundwater quality data necessary to evaluate the possibility of using alternative technologies to expedite the cleanup of the remaining contaminants, the FRWs were off during the month of August. On August 15, 2012, the pumps were removed from the four FRWs. On August 21, groundwater samples were collected using the low-flow procedure from the four FRWs and MW-98-05A. In addition to VOCs analyzed on a monthly basis, the analyses included total and dissolved iron, manganese, nitrate, sulfate, chemical oxygen demand and total organic carbon. Dissolved oxygen was measured in the well using a down well probe. Groundwater will not be pumped from these wells during September and samples will be collected twice during the month. The groundwater quality results from August and September then will be evaluated.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in August 2012 included:

- on August 15, technicians from Alpine Environmental removed the pumps from FRW-1, 2, 3 and 4, fixed the damaged metal sheeting (salamander fence) surrounding the discharge basins, and installed new stick-up casings on the MW-46 well cluster;
- on August 21, technicians from G.F. Shiavioni completed the annual potable water backflow preventer test and LBG technicians completed the monitor well inspections and repairs initiated during July. LBG staff ollected groundwater samples from the FRW's using low-flow sampling techniques; and
- on August 27, technicians from Barish Pump conducted diagnostic, preventative maintenance tests on the FSP&T system transfer pumps. The results of the tests indicate the pumps are operating properly.

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

- normal weekly/monthly O&M activities;
- collect groundwater samples using the low-flow sampling technique from the recovery and monitor wells located at the FDSA;
- semi-annual groundwater quality sampling; and
- measurement of groundwater elevations in piezometers, monitor and recovery wells under static and pumping conditions.

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

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TABLES

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

MAINTENANCE LOG
(August 1, 2012 through August 31, 2012)

Date	Time	System Changes/Modifications	Personnel
8/4/2012	7:29 AM	FSP&T system shut down due to a power failure alarm.	
8/6/2012	10:47 AM	Reset alarms and restarted the FSP&T system.	JF
8/8/2012		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.	EF
		Pumped the water from the FP&T system equalization tank to the FSP&T system equalization tank.	EF
8/15/2012	3:35 AM	RW-6 shut down due to a pump fault alarm; RW-2, 4 and 7 remain operating.	
	11:42 AM	Reset the FSP&T system computer and restarted the FSP&T system with RW-2, 4, 6 and 7 operating.	PJ
		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.	PJ
		Removed the pumps from FRW-1, 2, 3 and 4. Fixed the damaged metal sheeting (salamander fence) surrounding the discharge basin and installed new stick-up casings on the MW-46 well cluster.	PJ/Alpine
8/17/2012	4:08 PM	FSP&T system shut down due to a power failure alarm.	
8/21/2012		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
	9:50 AM	Reset the FSP&T system computer and restarted the FSP&T system with RW-2, 4, 6 and 7 operating.	SH
	10:45 AM	Completed annual potable water backflow preventer test.	GF.Shiavioni/SH
		Completed the monitor well inspections and repairs started during the month of July.	SH/EF
8/27/2012		Diagnostic, preventative maintenance tests were completed on all FSP&T system transfer pumps by technicians from Barish Pump.	Barish Pump/SH
8/31/2012	4:10 PM	FSP&T system shut down due to a power failure alarm.	

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**	**---**	**---**
8-Aug-12	7.8	124	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.17 J	0.13 J	0.14 J	0.30 J,B	ND<0.5	0.47 J,B	ND<0.5	0.91	0.050
15-Aug-12	6.8	NM	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	ND<2	ND<0.5	ND<2	ND<0.5	3.89	ND<0.01
21-Aug-12	7.5	137	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	ND<2	ND<0.5	0.13 J,B	ND<0.5	4.76	0.011
27-Aug-12	6.6	104	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	ND<2	ND<0.5	0.26 J,B	ND<0.5	0.60	0.085

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.
ND: Not detected

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
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
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
AQ11712:1300NP4-1	1/17/2012	13:00	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0140	0.0070	ND	NA	0.0035	ND	0.22
AQ22112:1100NP4-1	2/21/2012	11:00	0.0490	0.0040	0.0200	ND	0.0089	0.0030	ND	ND	ND	ND	0.0042	0.0024 [B]	ND	ND	0.11
AQ31312:12:10NP4-1	3/13/2012	12:10	0.0450	0.0033	0.0012	ND	0.0050	0.0025	ND	ND	ND	ND	0.0031	0.0210	ND	ND	0.12
AQ42312:1100NP4-1	4/23/2012	11:00	0.0085	0.0022	0.0056	ND	0.0029	ND	ND	0.0110	0.0065	0.0022	0.0032	0.0033	0.0022	0.0029	0.10
AQ52212:1520NP4-1	5/22/2012	15:20	0.0081	ND	0.0100	ND	0.0049	ND	ND	ND	0.0010	ND	0.0031	0.0022	ND	ND	0.08
AQ62012:1240NP4-1	6/20/2012	12:40	0.0180	0.0015	0.0090	ND	0.0053	0.0010	ND	ND	ND	ND	0.0015	0.0012	ND	ND	0.07
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 [B]	ND	ND	0.02
AQ82712:1600NP4-1	8/27/2012	16:00	0.0085	0.0016	0.0071	0.0009	0.0051	ND	ND	0.0083	ND	ND	0.0028	0.0016 [B]	ND	ND	0.04

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
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
AQ11712:1305NP4-2	1/17/2012	13:05	0.0025	ND	ND	ND	ND	ND	ND	0.0080	0.0150	0.0075	ND	NA	0.0038	ND	0.27
AQ22112:1105NP4-2	2/21/2012	11:05	0.0590	ND	0.0240	ND	0.0110	ND	ND	0.0150	0.0038	0.0012	0.0051	0.0042 [B]	0.0025	ND	0.14
AQ31312:1215NP4-2	3/13/2012	12:15	0.0540	ND	0.0120	ND	0.0060	ND	ND	ND	ND	ND	0.0026	0.0053	ND	ND	0.12
AQ42312:1105NP4-2	4/23/2012	11:05	0.1100	0.0017	0.0170	ND	0.0076	ND	ND	0.0140	0.0051	0.0015	0.0041	0.0038	0.0023	ND	0.24
AQ52212:1525NP4-2	5/22/2012	15:25	0.0160	ND	0.0120	ND	0.0050	0.0010	ND	ND	ND	ND	0.0027	0.0028	ND	0.0043	0.12
AQ62012:1245NP4-2	6/20/2012	12:45	0.0530	0.0027	0.0140	ND	0.0061	0.0014	ND	ND	ND	ND	0.0033	0.0013	ND	ND	0.11
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08
AQ82712:1605NP4-2	8/27/2012	16:05	0.0090	ND	0.0110	ND	0.0049	0.0014	ND	ND	ND	ND	0.0024	0.0014 [B]	ND	ND	0.04

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
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
AQ11712:1310NP4-3	1/17/2012	13:10	0.0025	ND	ND	ND	ND	ND	ND	0.0077	0.0150	0.0073	ND	NA	0.0038	ND	0.25
AQ22112:1110NP4-3	2/21/2012	11:05	ND	ND	0.0046	ND	0.0120	ND	ND	0.0069	0.0031	0.0011	0.0029	0.0030 [B]	0.0016	ND	0.06
AQ31312:1220NP4-3	3/13/2012	12:20	ND	ND	0.0020	ND	0.0057	ND	ND	ND	ND	ND	0.0014	0.0048	ND	ND	0.03
AQ42312:1110NP4-3	4/23/2012	11:10	ND	ND	0.0040	ND	0.0067	ND	ND	0.0090	0.0050	0.0015	0.0022	0.0032	0.0017	0.0029	0.07
AQ52212:1530NP4-3	5/22/2012	15:30	ND	ND	0.0055	ND	0.0063	ND	ND	ND	ND	ND	0.0023	0.0015	ND	ND	0.03
AQ62012:1250NP4-3	6/20/2012	12:50	ND	ND	0.0064	ND	0.0076	ND	ND	ND	ND	ND	0.0026	0.0027	ND	ND	0.04
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 [B]	ND	0.0048	0.10
AQ82712:1610NP4-3	8/27/2012	16:10	ND	ND	0.0057	ND	0.0057	ND	ND	0.0012	ND	ND	0.0023	0.0013 [B]	ND	ND	0.02

PCE: Tetrachoroethane
TCE: Trichloroethene
TCA: 1,1,1-Trichloroethane
DCE: 1,1-Dichloroetene
DCA: 1,1-Dichloroethane
cis-DCE: cis-1,2-Dichloroethene
trans-DCE: trans-1,2-Dichloroethylene
CF: Chloroform
MC: Methylene Chloroide
EB: Ethilbenzene

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
B - Method blank contamination, the associated method blank contains the target analyte at a reportable level.
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)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	1,2,4 Trime thylbenzene (ug/L)	1,3,5 Trime thylbenzene (ug/L)	Benzene (ug/L)	n-Propyl benzene (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**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**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	ND<1	ND<1	2.5	ND<1	8.0	ND<1	ND<1	ND<1	ND<1	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<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<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<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<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<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<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<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<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<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	RW-1 was shut down on July 13, 2005 with EPA approval.																								
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	0.0289	ND<0.02	ND<1	ND<1	ND<1	**8.4***	ND<1	ND<1	ND<1	13.0	12	3.4	ND<1	ND<1	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<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<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<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<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<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<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<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<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	0.63 J	ND<1	-	-	ND<1	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-10	ND<1	ND<1	ND<1	ND<1	ND<1	-	-	ND<1	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	0.60	ND<1	-	-	ND<1	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
	15-Sep-11	ND<5	ND<5	ND<5	0.84 J	ND<5	-	-	ND<5	ND<1	ND<1	**7.1 B**	ND<1	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	3.8 B
	23-Mar-12	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	-	-	ND<0.5	ND<1	ND<0.5	0.75 J,B	0.11 J	ND<0.5	ND<0.5	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.1 J,B
RW-2	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<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<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<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	ND<1	ND<1	2.86	0.050	0.32 J	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
	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<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<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<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<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<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<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<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<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<5	ND<5	3.9 B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<0.5	0.24 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<0.5	0.41 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<0.5	0.29 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<0.5	0.53 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	0.12 J	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.13 J	ND<2
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	0.40 J	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	ND<0.5	ND<0.5	0.26 J	0.33 J	ND<0.5	0.17 J	ND<0.5	0.34 J	ND<0.5	0.14 J	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)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	1,2,4 Trime thylbenzene (ug/L)	1,3,5 Trime thylbenzene (ug/L)	Benzene (ug/L)	n-Propyl benzene (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**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-3 [3/]	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<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<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<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	ND<1	ND<1	ND<1	2.07	1.76	ND<1	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
	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<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<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<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<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<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<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<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<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	ND<5	ND<5	ND<5	-	-	ND<5	ND<5	ND<5	**7.0 J,B**	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<0.5	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<0.5	0.28 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<0.5	0.16 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.22 J	ND<2
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	-	-	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<0.5	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	RW-3 was shut down on May 21, 2012 with EPA approval.																								
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<0.5	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<0.5	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-4	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<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<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<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<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	11-Jan-11	0.5 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<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	ND<1	ND<1	7.46	ND<0.02	ND<1	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
	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<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<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<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<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<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	ND<1	ND<1	4.90	0.79	ND<1	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
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	-	-	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<0.5	0.16 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	-	-	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<0.5	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	1.10	0.13 J	4.0	0.19 J	ND<0.5	-	-	1.8	ND<0.5	0.26 J	0.43 J,B	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.7 J,B
	19-Mar-12	1.40	0.18 J	3.6	0.16 J	ND<0.5	-	-	1.1	ND<0.5	0.19 J	0.91 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	0.86	0.11 J	3.4	0.18 J	0.10 J	-	-	1.9	ND<0.5	0.14 J	0.50 J,B	ND<0.5	0.40 J	0.13 J	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.16 J	ND<2
	17-May-12	1.80	0.30 J	0.44 J	ND<0.5	ND<0.5	-	-	0.16 J	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	5.4 B
	20-Jun-12	0.91	0.13 J	3.6	0.19 J	ND<0.5	-	-	1.9	ND<0.5	0.17 J	0.68 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	1.30	0.15 J	1.9	0.14 J	ND<0.5	-	-	0.65	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.8 J,B
	8-Aug-12	0.90	0.11 J	2.6	0.25 J	ND<0.5	-	-	1.60	ND<0.5	0.14 J	ND<2	1.2	ND<0.5	ND<0.5	0.75 J,B	0.70	0.14 J	0.62	0.12	0.75 J	0.16 J	0.32 J	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)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	1,2,4 Trime thylbenzene (ug/L)	1,3,5 Trime thylbenzene (ug/L)	Benzene (ug/L)	n-Propyl benzene (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**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-5 [3/]	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<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<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<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<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<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<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<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<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<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<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<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<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<5	ND<5	4.8 J,B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<0.5	0.14 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	-	-	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	-	-	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	-	-	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	0.24 J	0.12 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.15 J	ND<2
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	-	-	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.5 J,B
	RW-5 was shut down on May 23, 2012 with EPA approval.																								
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	MD<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
RW-6	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<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	13-Oct-10	4.3	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<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<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<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<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	ND<1	ND<1	0.7000	0.008	ND<1	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
	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<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<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<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<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<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<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<5	ND<1	4.5 J,B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	-	-	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	-	-	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	-	-	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<0.5	0.11 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	-	-	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	-	-	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.3 J,B
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	-	-	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	-	-	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	-	-	0.57	ND<0.5	0.12 J	ND<2	0.59	ND<0.5	ND<0.5	0.39 J,B	0.33 J	ND<0.5	0.26 J	ND<0.5	0.31 J	ND<0.5	0.13 J	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)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	1,2,4 Trime thylbenzene (ug/L)	1,3,5 Trime thylbenzene (ug/L)	Benzene (ug/L)	n-Propyl benzene (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**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-7	16-Sep-10	ND<1	ND<1	0.67	ND<1	ND<1	0.163	0.0343	ND<1	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-Oct-10	4.6	ND<1	2.4	ND<1	ND<1	0.480	0.1430	0.89	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-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<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<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<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<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<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<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<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<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<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<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1	ND<1
	9/15/2011 [2/]	NS	NS	NS	NS	NS	NS	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	--	--	0.40 J	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	--	--	0.59	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	--	--	0.28 J	ND<0.5	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	1.4	ND<0.5	0.33 J	0.15 J	0.20 J	--	--	0.22 J	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	2.0 B
	14-Feb-12	1.9	0.11 J	0.40 J	0.18 J	ND<0.5	--	--	0.28 J	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.8 J,B
	19-Mar-12	2.2	0.12 J	0.29 J	ND<0.5	0.11 J	--	--	0.02 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	1.1	ND<0.5	0.24 J	0.19 J	0.18 J	--	--	0.18 J	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.15 J	ND<2
	17-May-12	0.9	ND<0.5	0.19 J	0.21 J	ND<0.5	--	--	0.14 J	ND<0.5	ND<0.5	3.0 B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B
	20-Jun-12	1.0	ND<0.5	0.21 J	0.22 J	0.21 J	--	--	0.14 J	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.2 J,B
	10-Jul-12	1.6	ND<0.5	0.28 J	ND<0.5	ND<0.5	--	--	0.22 J	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND>2
	8-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	ND<0.5	ND<0.5	ND<0.5	ND<2	0.37 J	ND<0.5	ND<0.5	0.11 J	0.17 J	ND<0.5	0.11 J	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<5	1.1 J,B
RW-8 [3/]	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<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<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<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<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<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<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<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<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<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<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<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<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<5	ND<1	4.4 J,B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	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<0.5	2.0 B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<0.5	2.0 B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.6 J,B
	19-Mar-12	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	RW-8 was shut down on April 30, 2012 with EPA approval.																								
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.4 J,B	0.94	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.99 J	0.41 J	0.29 J	ND<0.5	9.9 B
	20-Jun-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	27-Aug-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Bromoform (ug/L)	Dibromochl-oromethane (ug/L)	Naphth-alene (ug/L)	1,2,4 Trime thylbenzene (ug/L)	1,3,5 Trime thylbenzene (ug/L)	Benzene (ug/L)	n-Propyl benzene (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**	**5**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**5**	**5**	**NE**	**NE**	**NE**
RW-9 [3/]	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<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<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<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/]	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<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<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<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<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<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<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<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<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<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<5	ND<5	4.6 J,B	ND<5	ND<5	ND<5	ND<5	ND<5	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	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.16	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	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	-	-	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	1.4 J,B
	19-Mar-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	0.46 J	0.21 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.12 J	ND<2
	RW-9 was shut down on April 23, 2012 with EPA approval.																								
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	2.3 B	0.75	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.57 J	0.19 J	0.17 J	ND<0.5	7.3 B
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	0.65 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	ND<0.5	ND<2
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	-	-	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	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/] Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.
[2/] RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.
[3/] Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.

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**	**11DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**135TMB**	**124TCB**	**124TMB**	**EB**	**Benzene**	**o-Xylenes**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**MC**	**Acetone**
ARARs	**1**	**2**	**3**	**4**	**5**	**1 [1]**	**5**	**5**	**5 [1]**	**5 [1]**	**5 [1]**	**5**	**1 [1]**	**5**	**5**	**5**	**NE**	**5**	**NE**
31-Aug-10	**170**	ND<1	**42**	ND<1	ND<1	ND<1	**7.1**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Sep-10	**180**	3.1	**79**	ND<1	ND<1	ND<1	**5.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
13-Oct-10	**190**	**5.4**	**15**	ND<1	ND<1	ND<1	**6.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
4-Jan-11	**110**	2.7	4.7	ND<1	ND<1	ND<1	2.6	ND<1	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 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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	ND<1	ND<1	ND<1	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	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	**46**	ND<1	ND<1	ND<1	ND<1	ND<1	0.55 J	ND<1	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	**68**	ND<1	ND<1	ND<1	ND<1	ND<1	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	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	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	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	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	**22**	1.2	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**37**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<1	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<6	ND<5	ND<5	ND<5	ND<5	ND<10	ND<1	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	5.0 J,B	--
8-Nov-11	**38**	0.41 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<2
20-Dec-11	**74**	2.4	**12**	ND<0.5	ND<0.5	ND<0.5	1.4	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	0.36 J,B	ND<2
24-Jan-12	**52**	1.5 J	**6.6**	ND<0.5	ND<0.5	ND<5	ND<5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	**2.2 J**	4.7 J	**8.8 J**	**12**	2.3 J,B	14 J,B	ND<20
14-Feb-12	**66**	2.0 J	**8.0**	ND<0.5	ND<0.5	ND<6	ND<5	ND<0.5	1.4 J	1.0 J	4.3 J	3.1 J	**1.2 J**	3.0 J	**9.0 J**	2.3 J	3.8 J,B	18 J,B	32.0
19-Mar-12	**37**	1.0	3.0	ND<0.5	ND<0.5	ND<0.5	0.24 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<2
10-Apr-12	**63**	1.0	1.8	ND<0.5	ND<0.5	ND<0.5	0.98	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**290**	**14**	**170**	0.26 J	0.25 J	0.54	**7.1**	1.2	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	2.6 B	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**52**	3.7	**10**	ND<0.5	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<2
10-Jul-12	**21**	2.2	**31**	ND<0.5	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**48**	**15**	**150**	0.30 J	0.29 J	1.7	3.1	1.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.15 J	1.2 J,B	ND<2	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.
ND: Not detected

PCE: Tetrachloroethylene
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride

TCE: Trichloroethene
11DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene

12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene

TCA: 1,1,1-Trichloroethane
135TMB: 1,3,5-Trimethylbenzene
VC: Vinyl chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

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**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1 [1]**	**5**	**5**	**5**	**NE**	**7**	**5**	**--**	**5**	**NE**
31-Aug-10	**100**	**9.2**	**12**	ND<1	ND<1	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	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	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	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	ND<1	ND<1
4-Jan-11	**35**	2.2	4.6	ND<1	ND<1	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	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	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	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	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	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	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	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	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	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	ND<1	ND<1
15-Sep-11	**24**	1.4 J	1.4 J	ND<5	ND<5	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<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	ND<0.5	ND<0.5	ND<0.5	0.33 J	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	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
24-Jan-12	**28**	0.42 J	0.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<2
14-Feb-12	**16**	0.28 J	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.33 J	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	0.58 J,B	ND<2
19-Mar-12	**25**	1.8	4.6	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.10 J	1.8 J,B	ND<2
10-Apr-12	**50**	0.78	0.39 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	**24**	4.5	**76**	ND<0.5	0.42 J	0.25 J	ND<0.5	ND<0.5	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
The FRWs were restarted on June 7, 2012														
20-Jun-12	**48**	0.83	0.32 J	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.6 B	1.3 J,B
10-Jul-12	**40**	4.9	**17**	ND<0.5	0.70	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	**40**	**8.5**	**87**	0.24 J	0.57	0.37 J	0.13 J	0.12 J	0.73 J,B	0.54	0.17 J	0.23 J	ND<2	1.0 J,B

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.
ND: Not detected

PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
VC: Vinyl chloride
EB: Ethyl Benzene
MC: Methylene chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

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**	**VC**	**TCA**	**IPB**	**NPB**	**o-Xylene**	**EB**	**11DCA**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**p-IPT**	**SBB**	**1,3,5TMB**	**Chloroform**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**1 [1]**	**5**	**5 [1]**	**5 [1]**	**5**	**5**	**5**	**5**	**5**	**10 [1]**	**NE**	**5 [1]**	**5 [1]**	**7**	**5**	**NE**
13-Jul-10	**10**	ND<1	**47**	ND<1	1.4	**6.7**	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	1.1	ND<1	**21**	ND<1	ND<1
31-Aug-10	**78**	**13**	**190**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	**13**	ND<1	ND<1
16-Sep-10	**110**	**12**	**62**	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	4.4	ND<1	ND<1
13-Oct-10	**9.8**	ND<1	**22**	ND<1	ND<1	**5.8**	2.9	ND<1	ND<1	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	**11**	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	1.2	0.53 J	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	0.93 J	0.38 J	ND<1	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 restarted on January 20, 2011																			
20-Jan-11 (10:04 AM)	**7.6**	ND<1	**5.2**	ND<1	ND<1	0.78 J	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	0.84 J	0.40 J	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	0.60 J	0.40 J	ND<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	**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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	**19**	2.6	**17**	ND<1	ND<1	0.60 J	ND<1	ND<1	ND<1	ND<1	ND<1	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	ND<1	0.67 J	0.56 J	ND<1	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	**85**	3.5	**13**	ND<1	ND<1	0.69 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	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	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	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	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	4.5 J,B	4.4 J,B
11-Oct-11	**28**	2.5	**15**	ND<5	2.5 J	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	4.6 J,B	--
8-Nov-11	**36**	0.78	3.0	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	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**	0.28 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<2
24-Jan-12	**23**	1.7	**12**	0.64	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<2
14-Feb-12	**22**	1.3	3.4	0.33 J	ND<0.5	1.8	1.4	ND<0.5	0.10 J	ND<0.5	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	0.27 J	ND<0.5	0.38 J,B	ND<2
19-Mar-12	**12**	1.1	4.0	0.14 J	ND<0.5	1.7	0.97	ND<0.5	0.18 J	ND<0.5	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	0.19 J	ND<0.5	1.5 J,B	ND<2
10-Apr-12	**23**	1.0	**5.3**	0.16 J	ND<0.5	1.6	0.99	ND<0.5	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	0.18 J	ND<0.5	0.47 J	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**31**	**5.5**	**31**	1.3	0.18 J	1.6	1.2	ND<0.5	0.11 J	0.20 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	ND<0.5	2.8 B	2.6 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**65**	2.5	2.9	ND<0.5	0.30 J	2.0	1.3	0.13 J	0.15 J	ND<0.5	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	0.15 J	ND<0.5	6.5 B	ND<2
10-Jul-12	**23**	4.2	3.1	0.26 J	ND<0.5	1.8	1.3	ND<0.5	0.12 J	ND<0.5	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	0.17 J	ND<0.5	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**32**	**8.2**	**41**	1.0	0.39 J	0.70	0.46 J	ND<0.5	ND<0.5	0.20 J	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<2

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

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method
ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VC: Vinyl chloride
CM: Chloromethane
TCE: Trichloroethene
NPB: n-Propylbenzene
p-IPT: p-Isopropyltoluene
MC: Methylene chloride
12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
135TMB: 1,3,5-Trimethylbenzene

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

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**	**VC**	**TCA**	**IPB**	**NPB**	**NBB**	**m-&p-Xylenes**	**o-Xylene**	**Napthalene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**1** [1/]	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5**	**5**	**NE**	**5**	**NE**
13-Jul-10	1.9	ND<1	ND<1	ND<1	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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<5	ND<10	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<5	ND<10	ND<5	ND<10	4.3 J,B	--
8-Nov-11	**30**	1.8	**6.0**	ND<0.5	0.19 J	0.19 J	0.13 J	ND<0.5	ND<1	ND<0.5	ND<2	0.77 J,B	ND<2
20-Dec-11	**39**	1.7	2.4	ND<0.5	0.44 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.21 J,B	0.47 J,B	ND<2
24-Jan-12	**15**	0.83	4.6	ND<0.5	0.13 J	0.12 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.31 J,B	1.2 J,B
14-Feb-12	**25**	0.98	3.3	ND<0.5	0.14 J	0.15 J	0.10 J	ND<0.5	ND<1	ND<0.5	0.13 J,B	0.55 J,B	ND<2
19-Mar-12	**22**	1.2	**6.8**	0.11 J	0.14 J	0.16 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	1.6 J,B	1.2 J,B
10-Apr-12	**12**	0.79	1.8	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.50	ND<2
The FRWs were shut down on April 19, 2012													
17-May-12	**10**	0.88	**11**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.12 J,B	2.4 B	1.6 J,B
The FRWs were restarted on June 7, 2012													
20-Jun-12	**21**	1.6	2.4	ND<0.5	0.16 J	0.15 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	7.1 B	ND<2
10-Jul-12	**24**	3.8	4.7	ND<0.5	0.27 J	0.11 J	ND<0.5	0.11 J	0.12 J	0.16 J	1.9 J,B	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012													
21-Aug-12	**14**	0.86	**19**	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.34 J,B	ND<2	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.
ND: Not detected

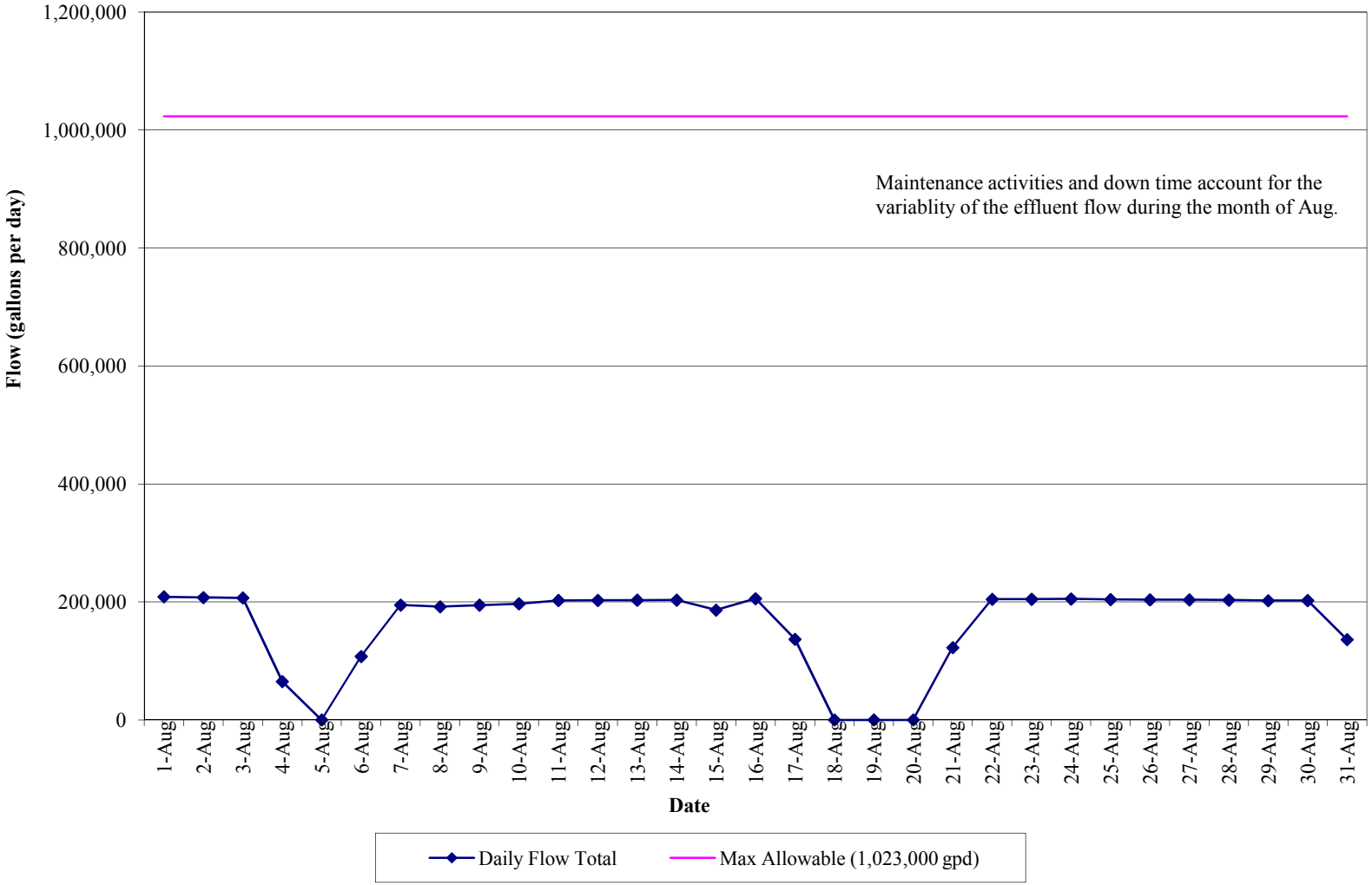
PCE: Tetrachloroethylene
TCE: Trichloroethene
12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
IPB: Isopropylbenzene
NPB: n-Propylbenzene
NBB: n-Butylbenzene
VC: Vinyl Chloride
MC: Metylene Chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

GRAPHS

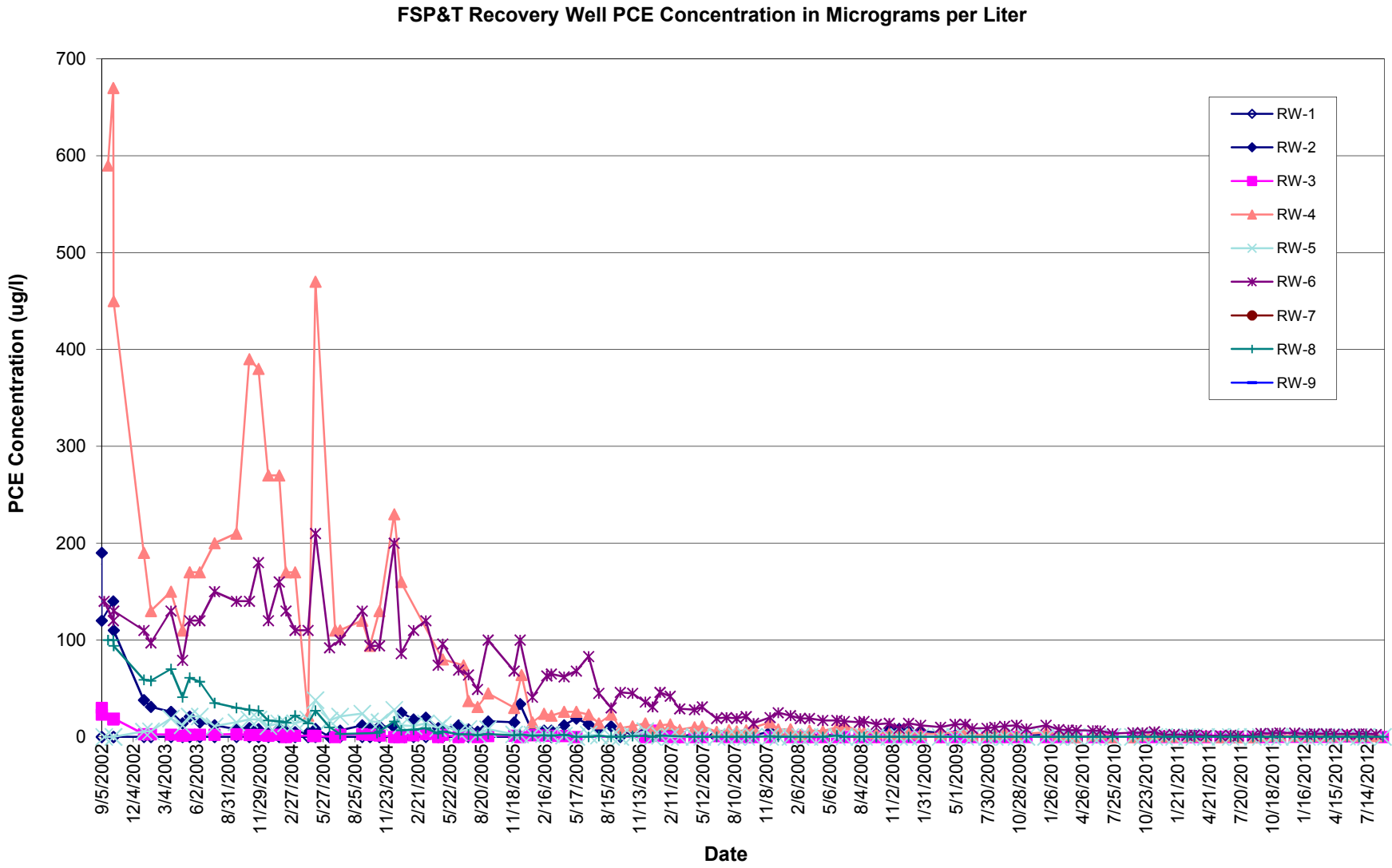
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(August 1, 2012 to August 31, 2012)



GRAPH 2

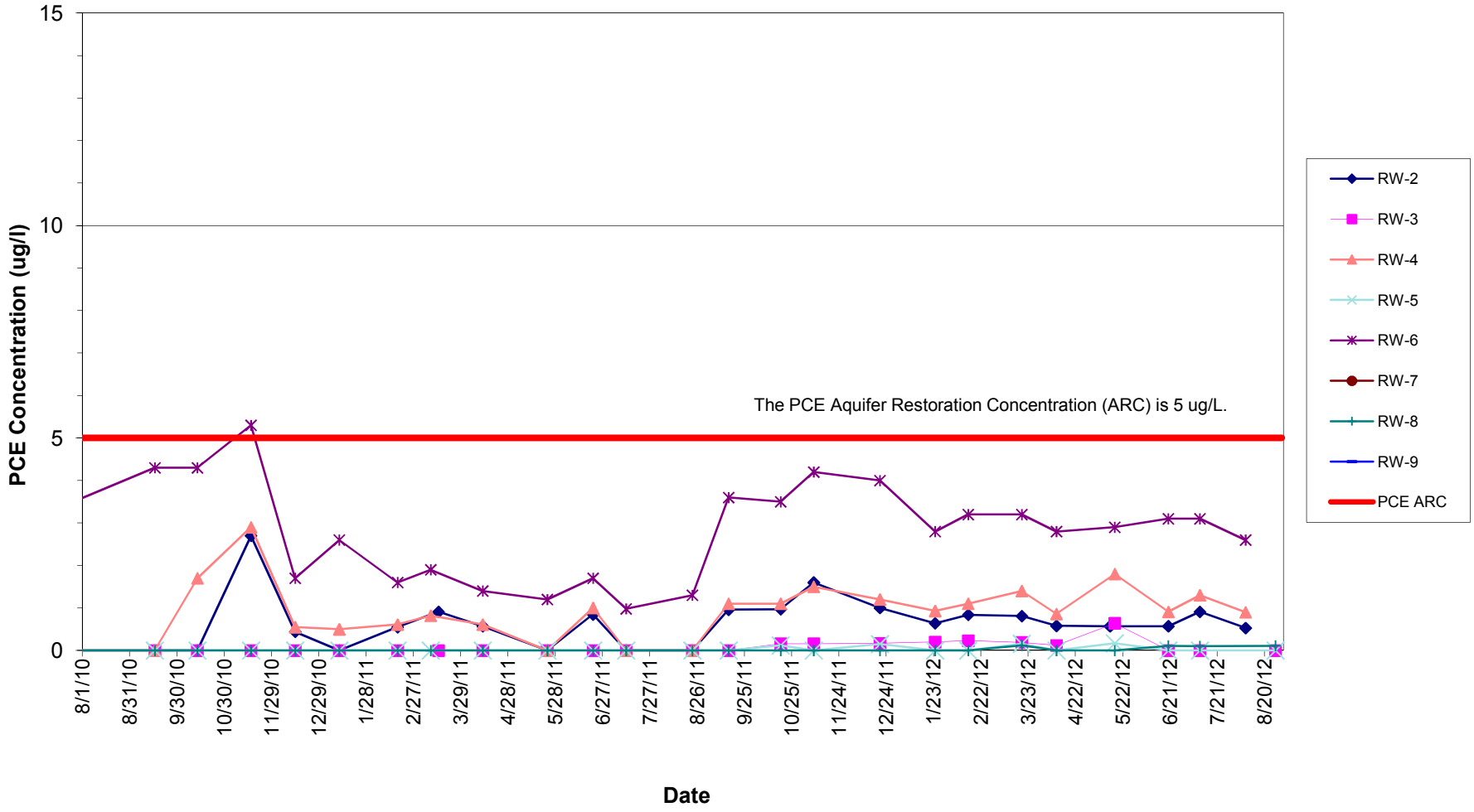
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



GRAPH 3

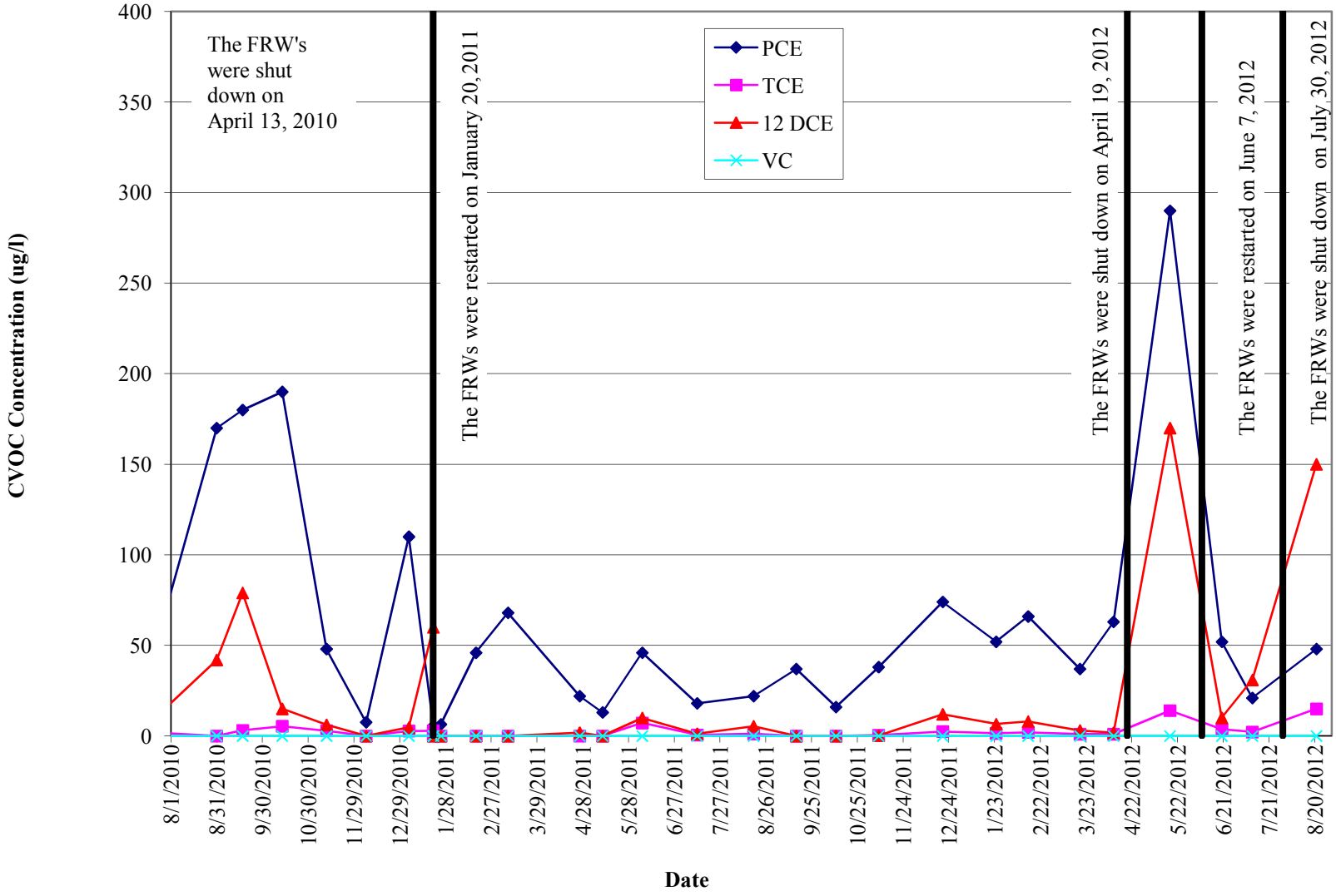
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FSP&T Recovery Well PCE Concentration



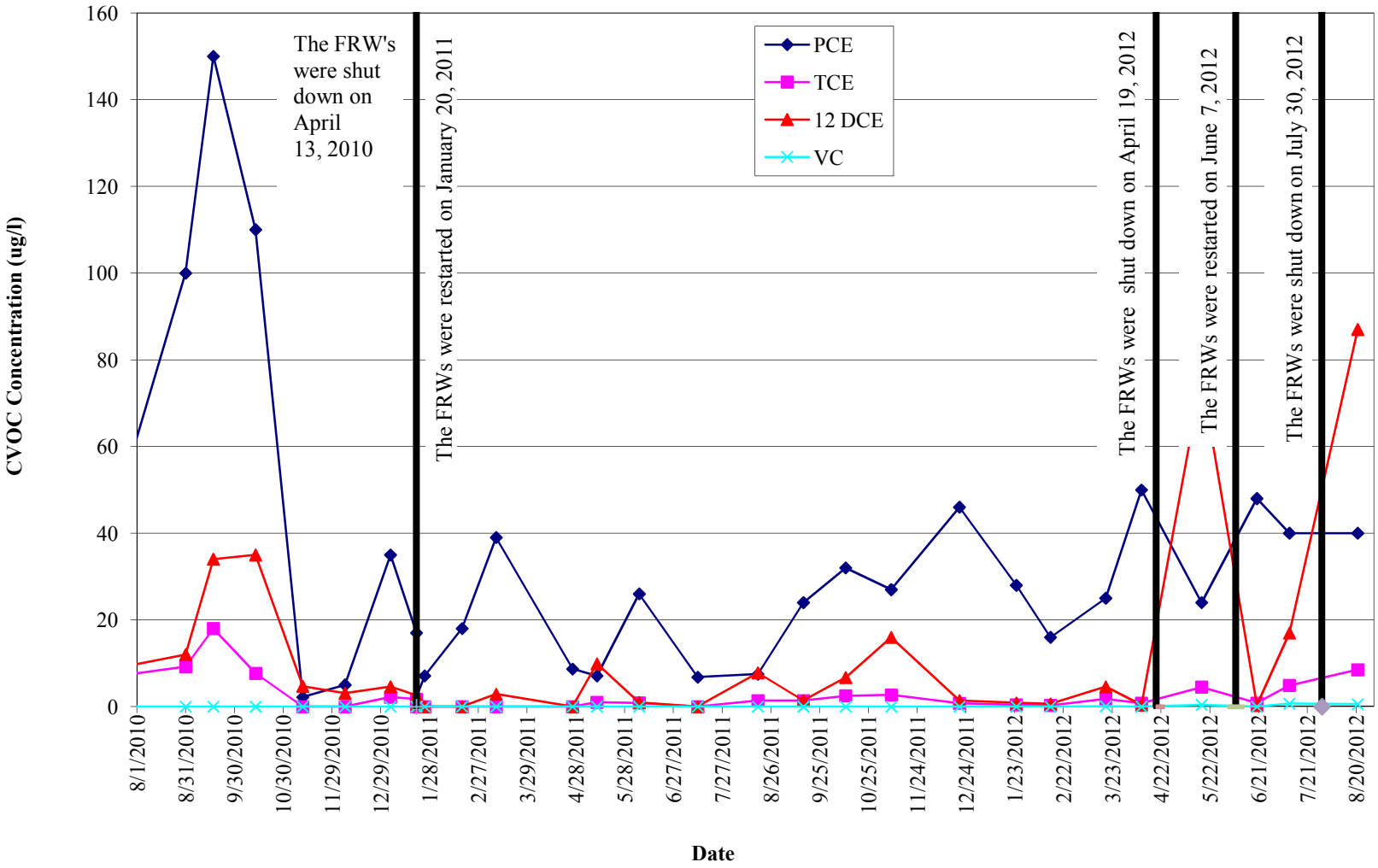
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



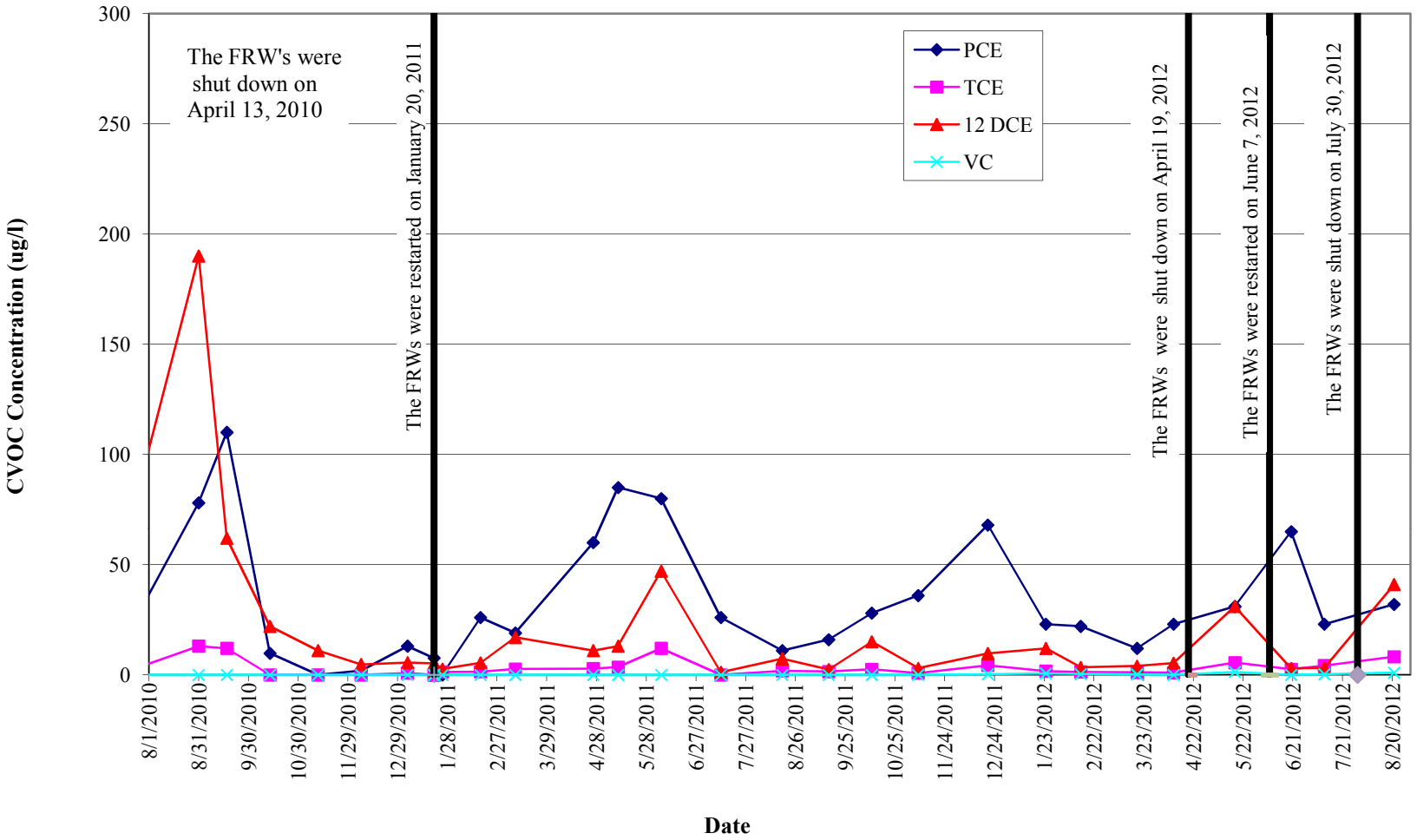
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



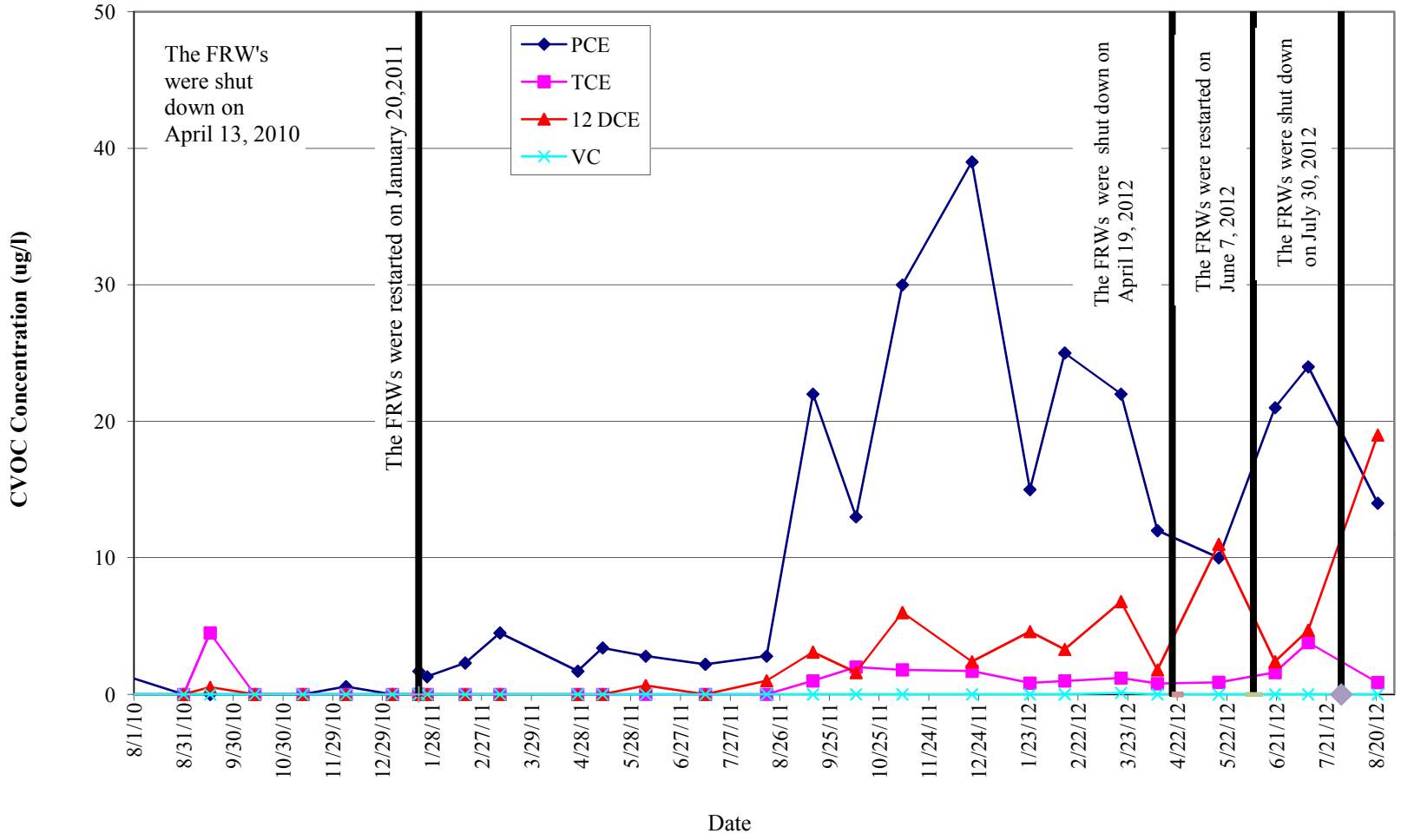
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



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

FP&T Recovery Well VOC Concentrations for FRW-4



APPENDIX I

AUGUST 2012 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: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

Revision No. 1.0

Report Date: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

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 August 09, 2012 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
12H0342-01	WQ080812:1100NP2-6	Water	08/08/2012	08/09/2012
12H0342-02	WQ080812:1105NP2-7	Water	08/08/2012	08/09/2012
12H0344-01	WQ080812:1110NP2-10	Water	08/08/2012	08/09/2012

General Notes for York Project (SDG) No.: 12H0342

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: 09/10/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ080812:1100NP2-6 **York Sample ID:** 12H0342-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
71-55-6	1,1,1-Trichloroethane	**0.78**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-34-3	1,1-Dichloroethane	**0.45**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-63-6	1,2,4-Trimethylbenzene	**2.3**		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-67-8	1,3,5-Trimethylbenzene	**0.45**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
71-43-2	Benzene	**6.0**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS

Sample Information

Client Sample ID: WQ080812:1100NP2-6 **York Sample ID:** 12H0342-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
67-66-3	Chloroform	**0.21**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
100-41-4	Ethyl Benzene	**1.4**		ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
98-82-8	Isopropylbenzene	**0.18**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
91-20-3	Naphthalene	**4.1**	B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
103-65-1	n-Propylbenzene	**0.40**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
95-47-6	o-Xylene	**0.70**		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1330-20-7P/M	p- & m- Xylenes	**3.0**		ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
127-18-4	Tetrachloroethylene	**0.93**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
108-88-3	Toluene	**8.7**		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS
1330-20-7	Xylenes, Total	**3.7**		ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 17:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ080812:1100NP2-6 **York Sample ID:** 12H0342-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

Iron by EPA 200.7

Log-in Notes: **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	**4.46**		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

Sample Information

Client Sample ID: WQ080812:1105NP2-7 **York Sample ID:** 12H0342-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
71-55-6	1,1,1-Trichloroethane	**0.20**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-34-3	1,1-Dichloroethane	**0.11**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-63-6	1,2,4-Trimethylbenzene	**0.74**		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-67-8	1,3,5-Trimethylbenzene	**0.16**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS

Sample Information

Client Sample ID: WQ080812:1105NP2-7 **York Sample ID:** 12H0342-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
71-43-2	Benzene	**0.34**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
100-41-4	Ethyl Benzene	**0.37**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
91-20-3	Naphthalene	**0.80**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
103-65-1	n-Propylbenzene	**0.12**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
95-47-6	o-Xylene	**0.20**	J	ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1330-20-7P/M	p- & m- Xylenes	**0.93**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS

Sample Information

Client Sample ID: WQ080812:1105NP2-7 **York Sample ID:** 12H0342-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
127-18-4	Tetrachloroethylene	**0.84**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
108-88-3	Toluene	**1.5**		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS
1330-20-7	Xylenes, Total	**1.1**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 17:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0287**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

Iron by EPA 200.7

Log-in Notes: **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	**0.355**		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

Sample Information

Client Sample ID: WQ080812:1110NP2-10 **York Sample ID:** 12H0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0344	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS

Sample Information

Client Sample ID: WQ080812:1110NP2-10 **York Sample ID:** 12H0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0344	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-63-6	1,2,4-Trimethylbenzene	**0.25**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS

Sample Information

Client Sample ID: WQ080812:1110NP2-10 **York Sample ID:** 12H0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0344	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
100-41-4	Ethyl Benzene	**0.14**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-09-2	Methylene chloride	**0.30**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
91-20-3	Naphthalene	**0.47**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1330-20-7P/M	p- & m- Xylenes	**0.17**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
108-88-3	Toluene	**0.13**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS
1330-20-7	Xylenes, Total	**0.17**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 17:43	08/11/2012 01:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ080812:1110NP2-10 **York Sample ID:** 12H0344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0344	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0500**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/09/2012 14:57	08/10/2012 14:53	AMC

Iron by EPA 200.7

Log-in Notes: **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	**0.905**		mg/L	0.0100	0.0100	1	EPA 200.7	08/09/2012 14:57	08/10/2012 14:53	AMC

Total Dissolved Solids

Log-in Notes: **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	**124**		mg/L	1.00	1.00	1	SM 2540C	08/10/2012 17:06	08/10/2012 17:06	ALD

Analytical Batch Summary

Batch ID: BH20415 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0344-01	WQ080812:1110NP2-10	08/10/12
BH20415-BLK1	Blank	08/10/12
BH20415-DUP1	Duplicate	08/10/12

Batch ID: BH20417 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-01	WQ080812:1100NP2-6	08/09/12
12H0342-01	WQ080812:1100NP2-6	08/09/12
12H0342-02	WQ080812:1105NP2-7	08/09/12
12H0342-02	WQ080812:1105NP2-7	08/09/12
12H0344-01	WQ080812:1110NP2-10	08/09/12
12H0344-01	WQ080812:1110NP2-10	08/09/12
BH20417-BLK1	Blank	08/09/12
BH20417-BLK1	Blank	08/09/12
BH20417-DUP1	Duplicate	08/09/12
BH20417-DUP1	Duplicate	08/09/12
BH20417-MS1	Matrix Spike	08/09/12
BH20417-MS1	Matrix Spike	08/09/12
BH20417-SRM1	Reference	08/09/12
BH20417-SRM1	Reference	08/09/12

Batch ID: BH20451 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-01	WQ080812:1100NP2-6	08/10/12
BH20451-BLK1	Blank	08/10/12
BH20451-BS1	LCS	08/10/12
BH20451-BSD1	LCS Dup	08/10/12

Batch ID: BH20452 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-02	WQ080812:1105NP2-7	08/10/12
BH20452-BLK1	Blank	08/10/12
BH20452-BS1	LCS	08/10/12
BH20452-BSD1	LCS Dup	08/10/12

Batch ID: BH20482 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0344-01	WQ080812:1110NP2-10	08/10/12
BH20482-BLK1	Blank	08/10/12
BH20482-BS1	LCS	08/10/12
BH20482-BSD1	LCS Dup	08/10/12

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 BH20451 - EPA 5030B

Blank (BH20451-BLK1) — Prepared & Analyzed: 08/10/2012

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	0.63	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	ND	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	0.60	2.0	"								
Naphthalene	1.6	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	"								
sec-Butylbenzene	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 BH20451 - EPA 5030B											
Blank (BH20451-BLK1)									Prepared & Analyzed: 08/10/2012		
Styrene	ND	0.50	ug/L								
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	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81.2-127*				
LCS (BH20451-BS1)									Prepared & Analyzed: 08/10/2012		
1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82.3-130				
1,1,1-Trichloroethane	9.09		"	10.0		90.9	75.6-137				
1,1,2,2-Tetrachloroethane	7.83		"	10.0		78.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129				
1,1,2-Trichloroethane	8.02		"	10.0		80.2	74.5-129				
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	9.10		"	10.0		91.0	75-136				
1,2,3-Trichlorobenzene	8.28		"	10.0		82.8	66.1-136				
1,2,3-Trichloropropane	7.37		"	10.0		73.7	63-131				
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70.6-136				
1,2,4-Trimethylbenzene	8.21		"	10.0		82.1	75.3-135				
1,2-Dibromo-3-chloropropane	7.15		"	10.0		71.5	58.9-140				
1,2-Dibromoethane	8.03		"	10.0		80.3	79-130				
1,2-Dichlorobenzene	7.87		"	10.0		78.7	76.1-122				
1,2-Dichloroethane	8.79		"	10.0		87.9	74.6-132				
1,2-Dichloropropane	8.29		"	10.0		82.9	76.9-129				
1,3,5-Trimethylbenzene	8.02		"	10.0		80.2	70.6-127				
1,3-Dichlorobenzene	7.97		"	10.0		79.7	77-124				
1,3-Dichloropropane	8.18		"	10.0		81.8	75.8-126				
1,4-Dichlorobenzene	7.81		"	10.0		78.1	76.6-125				
2,2-Dichloropropane	7.90		"	10.0		79.0	69-133				
2-Chlorotoluene	7.71		"	10.0		77.1	66.3-119				
2-Hexanone	8.11		"	10.0		81.1	70-130				
4-Chlorotoluene	7.95		"	10.0		79.5	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	8.76		"	10.0		87.6	76.2-129				
Bromobenzene	7.70		"	10.0		77.0	71.3-123				
Bromochloromethane	8.86		"	10.0		88.6	70.8-137				
Bromodichloromethane	8.57		"	10.0		85.7	79.7-134				
Bromoform	7.59		"	10.0		75.9	70.5-141				
Bromomethane	8.45		"	10.0		84.5	43.9-147				
Carbon tetrachloride	10.3		"	10.0		103	78.1-138				
Chlorobenzene	8.22		"	10.0		82.2	80.4-125				
Chloroethane	8.88		"	10.0		88.8	55.8-140				
Chloroform	8.74		"	10.0		87.4	76.6-133				
Chloromethane	8.86		"	10.0		88.6	48.8-115				
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	75.1-128				
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	74.5-128				

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 BH20451 - EPA 5030B											
LCS (BH20451-BS1)								Prepared & Analyzed: 08/10/2012			
Dibromochloromethane	8.63		ug/L	10.0		86.3	79.8-134				
Dibromomethane	8.73		"	10.0		87.3	79-130				
Dichlorodifluoromethane	6.77		"	10.0		67.7	47.1-101				
Ethyl Benzene	8.41		"	10.0		84.1	80.8-128				
Hexachlorobutadiene	7.80		"	10.0		78.0	64.8-128				
Isopropylbenzene	8.66		"	10.0		86.6	75.5-135				
Methyl tert-butyl ether (MTBE)	6.16		"	10.0		61.6	65.1-140	Low Bias			
Methylene chloride	9.66		"	10.0		96.6	61.3-120				
Naphthalene	8.38		"	10.0		83.8	62.3-148				
n-Butylbenzene	7.95		"	10.0		79.5	67.2-123				
n-Propylbenzene	8.07		"	10.0		80.7	70.5-127				
o-Xylene	7.99		"	10.0		79.9	75.9-122				
p- & m- Xylenes	16.6		"	20.0		83.2	77.7-127				
p-Isopropyltoluene	8.23		"	10.0		82.3	75.6-129				
sec-Butylbenzene	7.96		"	10.0		79.6	71.5-125				
Styrene	8.14		"	10.0		81.4	77.8-123				
tert-Butylbenzene	8.36		"	10.0		83.6	75.9-151				
Tetrachloroethylene	8.49		"	10.0		84.9	63.6-167				
Toluene	8.46		"	10.0		84.6	77-123				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139				
trans-1,3-Dichloropropylene	7.85		"	10.0		78.5	72.5-137				
Trichloroethylene	8.60		"	10.0		86.0	77.9-130				
Trichlorofluoromethane	9.28		"	10.0		92.8	57.4-133				
Vinyl Chloride	8.93		"	10.0		89.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81.2-127*				

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 BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)							Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82.3-130		10.5	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		4.41	19.7	
1,1,2,2-Tetrachloroethane	8.41		"	10.0		84.1	71.3-131		7.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129		1.84	21.7	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		9.84	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		5.17	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		1.43	20	
1,1-Dichloropropylene	9.65		"	10.0		96.5	75-136		5.87	19.3	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	66.1-136		17.6	21.6	
1,2,3-Trichloropropane	8.87		"	10.0		88.7	63-131		18.5	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		16.5	21.7	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	75.3-135		7.73	18.8	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	58.9-140		20.8	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		13.8	23	
1,2-Dichlorobenzene	8.68		"	10.0		86.8	76.1-122		9.79	19.8	
1,2-Dichloroethane	9.66		"	10.0		96.6	74.6-132		9.43	20.2	
1,2-Dichloropropane	9.20		"	10.0		92.0	76.9-129		10.4	20.7	
1,3,5-Trimethylbenzene	8.55		"	10.0		85.5	70.6-127		6.40	18.9	
1,3-Dichlorobenzene	8.56		"	10.0		85.6	77-124		7.14	19.2	
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126		10.2	22.1	
1,4-Dichlorobenzene	8.64		"	10.0		86.4	76.6-125		10.1	18.6	
2,2-Dichloropropane	8.09		"	10.0		80.9	69-133		2.38	19.8	
2-Chlorotoluene	8.07		"	10.0		80.7	66.3-119		4.56	21.6	
2-Hexanone	9.01		"	10.0		90.1	70-130		10.5	30	
4-Chlorotoluene	8.53		"	10.0		85.3	69.2-127		7.04	19	
Acetone	10.8		"	10.0		108	70-130		3.77	30	
Benzene	9.47		"	10.0		94.7	76.2-129		7.79	19	
Bromobenzene	8.31		"	10.0		83.1	71.3-123		7.62	20.3	
Bromochloromethane	9.93		"	10.0		99.3	70.8-137		11.4	23.9	
Bromodichloromethane	9.52		"	10.0		95.2	79.7-134		10.5	21	
Bromoform	8.56		"	10.0		85.6	70.5-141		12.0	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		9.68	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		5.01	20.1	
Chlorobenzene	9.03		"	10.0		90.3	80.4-125		9.39	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		1.70	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		8.65	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		4.42	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		4.13	20.5	
cis-1,3-Dichloropropylene	9.66		"	10.0		96.6	74.5-128		10.9	19.9	
Dibromochloromethane	9.49		"	10.0		94.9	79.8-134		9.49	21.3	
Dibromomethane	9.48		"	10.0		94.8	79-130		8.24	22.4	
Dichlorodifluoromethane	6.81		"	10.0		68.1	47.1-101		0.589	23.9	
Ethyl Benzene	9.03		"	10.0		90.3	80.8-128		7.11	19.2	
Hexachlorobutadiene	9.25		"	10.0		92.5	64.8-128		17.0	20.6	
Isopropylbenzene	9.00		"	10.0		90.0	75.5-135		3.85	20	
Methyl tert-butyl ether (MTBE)	6.82		"	10.0		68.2	65.1-140		10.2	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		6.22	20.4	
Naphthalene	9.49		"	10.0		94.9	62.3-148		12.4	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		5.98	19.1	
n-Propylbenzene	8.43		"	10.0		84.3	70.5-127		4.36	23.4	
o-Xylene	8.65		"	10.0		86.5	75.9-122		7.93	19.3	
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127		7.12	18.6	
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129		5.90	19.1	
sec-Butylbenzene	8.32		"	10.0		83.2	71.5-125		4.42	18.9	

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 BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)								Prepared & Analyzed: 08/10/2012			
Styrene	8.96		ug/L	10.0		89.6	77.8-123		9.59	20.9	
tert-Butylbenzene	8.73		"	10.0		87.3	75.9-151		4.33	20.9	
Tetrachloroethylene	8.78		"	10.0		87.8	63.6-167		3.36	27.7	
Toluene	8.87		"	10.0		88.7	77-123		4.73	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		0.0977	19.5	
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137		14.7	19.3	
Trichloroethylene	9.20		"	10.0		92.0	77.9-130		6.74	20.5	
Trichlorofluoromethane	9.05		"	10.0		90.5	57.4-133		2.51	21.4	
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		0.892	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81.2-127*				
Batch BH20452 - EPA 5030B											
Blank (BH20452-BLK1)								Prepared & Analyzed: 08/10/2012			
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	1.1	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	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	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 BH20452 - EPA 5030B											
Blank (BH20452-BLK1)									Prepared & Analyzed: 08/10/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	0.63	2.0	"								
Naphthalene	ND	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	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81.2-127*				

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 BH20452 - EPA 5030B											
LCS (BH20452-BS1)								Prepared & Analyzed: 08/10/2012			
1,1,1,2-Tetrachloroethane	9.13		ug/L	10.0		91.3	82.3-130				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	75.6-137				
1,1,2,2-Tetrachloroethane	8.25		"	10.0		82.5	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	8.61		"	10.0		86.1	74.5-129				
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132				
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146				
1,1-Dichloropropylene	9.53		"	10.0		95.3	75-136				
1,2,3-Trichlorobenzene	9.02		"	10.0		90.2	66.1-136				
1,2,3-Trichloropropane	7.79		"	10.0		77.9	63-131				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2	70.6-136				
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	75.3-135				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	58.9-140				
1,2-Dibromoethane	8.95		"	10.0		89.5	79-130				
1,2-Dichlorobenzene	8.37		"	10.0		83.7	76.1-122				
1,2-Dichloroethane	9.82		"	10.0		98.2	74.6-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	76.9-129				
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	70.6-127				
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124				
1,3-Dichloropropane	8.46		"	10.0		84.6	75.8-126				
1,4-Dichlorobenzene	8.40		"	10.0		84.0	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	8.23		"	10.0		82.3	66.3-119				
2-Hexanone	9.09		"	10.0		90.9	70-130				
4-Chlorotoluene	8.74		"	10.0		87.4	69.2-127				
Acetone	8.68		"	10.0		86.8	70-130				
Benzene	9.49		"	10.0		94.9	76.2-129				
Bromobenzene	8.29		"	10.0		82.9	71.3-123				
Bromochloromethane	9.62		"	10.0		96.2	70.8-137				
Bromodichloromethane	9.11		"	10.0		91.1	79.7-134				
Bromoform	8.18		"	10.0		81.8	70.5-141				
Bromomethane	8.86		"	10.0		88.6	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	8.77		"	10.0		87.7	80.4-125				
Chloroethane	9.23		"	10.0		92.3	55.8-140				
Chloroform	9.50		"	10.0		95.0	76.6-133				
Chloromethane	8.59		"	10.0		85.9	48.8-115				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	75.1-128				
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128				
Dibromochloromethane	8.78		"	10.0		87.8	79.8-134				
Dibromomethane	9.26		"	10.0		92.6	79-130				
Dichlorodifluoromethane	7.11		"	10.0		71.1	47.1-101				
Ethyl Benzene	9.05		"	10.0		90.5	80.8-128				
Hexachlorobutadiene	9.13		"	10.0		91.3	64.8-128				
Isopropylbenzene	9.25		"	10.0		92.5	75.5-135				
Methyl tert-butyl ether (MTBE)	4.83		"	10.0		48.3	65.1-140	Low Bias			
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	7.90		"	10.0		79.0	62.3-148				
n-Butylbenzene	8.96		"	10.0		89.6	67.2-123				
n-Propylbenzene	8.68		"	10.0		86.8	70.5-127				
o-Xylene	8.55		"	10.0		85.5	75.9-122				
p- & m- Xylenes	17.5		"	20.0		87.3	77.7-127				
p-Isopropyltoluene	9.54		"	10.0		95.4	75.6-129				
sec-Butylbenzene	8.66		"	10.0		86.6	71.5-125				

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 BH20452 - EPA 5030B											
LCS (BH20452-BS1)							Prepared & Analyzed: 08/10/2012				
Styrene	8.52		ug/L	10.0		85.2	77.8-123				
tert-Butylbenzene	9.31		"	10.0		93.1	75.9-151				
Tetrachloroethylene	8.87		"	10.0		88.7	63.6-167				
Toluene	8.89		"	10.0		88.9	77-123				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	72.5-137				
Trichloroethylene	8.91		"	10.0		89.1	77.9-130				
Trichlorofluoromethane	9.18		"	10.0		91.8	57.4-133				
Vinyl Chloride	8.61		"	10.0		86.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81.2-127*				
LCS Dup (BH20452-BSD1)							Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	82.3-130		1.20	21.1	
1,1,1-Trichloroethane	9.49		"	10.0		94.9	75.6-137		2.60	19.7	
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2	71.3-131		2.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	71.1-129		3.02	21.7	
1,1,2-Trichloroethane	8.57		"	10.0		85.7	74.5-129		0.466	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		1.36	20.6	
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146		1.75	20	
1,1-Dichloropropylene	9.43		"	10.0		94.3	75-136		1.05	19.3	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136		6.54	21.6	
1,2,3-Trichloropropane	8.01		"	10.0		80.1	63-131		2.78	23.9	
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70.6-136		1.77	21.7	
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9	75.3-135		2.44	18.8	
1,2-Dibromo-3-chloropropane	8.63		"	10.0		86.3	58.9-140		7.83	27.7	
1,2-Dibromoethane	8.88		"	10.0		88.8	79-130		0.785	23	
1,2-Dichlorobenzene	8.43		"	10.0		84.3	76.1-122		0.714	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.81	20.2	
1,2-Dichloropropane	8.89		"	10.0		88.9	76.9-129		2.00	20.7	
1,3,5-Trimethylbenzene	8.29		"	10.0		82.9	70.6-127		4.48	18.9	
1,3-Dichlorobenzene	8.30		"	10.0		83.0	77-124		0.361	19.2	
1,3-Dichloropropane	8.98		"	10.0		89.8	75.8-126		5.96	22.1	
1,4-Dichlorobenzene	8.30		"	10.0		83.0	76.6-125		1.20	18.6	
2,2-Dichloropropane	10.7		"	10.0		107	69-133		0.0933	19.8	
2-Chlorotoluene	7.99		"	10.0		79.9	66.3-119		2.96	21.6	
2-Hexanone	8.74		"	10.0		87.4	70-130		3.93	30	
4-Chlorotoluene	8.22		"	10.0		82.2	69.2-127		6.13	19	
Acetone	8.33		"	10.0		83.3	70-130		4.12	30	
Benzene	9.58		"	10.0		95.8	76.2-129		0.944	19	
Bromobenzene	8.38		"	10.0		83.8	71.3-123		1.08	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.67	23.9	
Bromodichloromethane	9.23		"	10.0		92.3	79.7-134		1.31	21	
Bromoform	8.52		"	10.0		85.2	70.5-141		4.07	21.8	
Bromomethane	9.68		"	10.0		96.8	43.9-147		8.85	28.4	
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		5.26	20.1	
Chlorobenzene	8.67		"	10.0		86.7	80.4-125		1.15	19.9	
Chloroethane	9.04		"	10.0		90.4	55.8-140		2.08	23.3	
Chloroform	9.70		"	10.0		97.0	76.6-133		2.08	20.3	
Chloromethane	8.64		"	10.0		86.4	48.8-115		0.580	24.5	
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	75.1-128		3.93	20.5	
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128		2.12	19.9	
Dibromochloromethane	9.40		"	10.0		94.0	79.8-134		6.82	21.3	

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 BH20452 - EPA 5030B											
LCS Dup (BH20452-BSD1)							Prepared & Analyzed: 08/10/2012				
Dibromomethane	9.59		ug/L	10.0		95.9	79-130		3.50	22.4	
Dichlorodifluoromethane	6.80		"	10.0		68.0	47.1-101		4.46	23.9	
Ethyl Benzene	8.63		"	10.0		86.3	80.8-128		4.75	19.2	
Hexachlorobutadiene	8.33		"	10.0		83.3	64.8-128		9.16	20.6	
Isopropylbenzene	8.80		"	10.0		88.0	75.5-135		4.99	20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4	65.1-140		30.1	23.6	Non-dir.
Methylene chloride	10.3		"	10.0		103	61.3-120		1.36	20.4	
Naphthalene	8.22		"	10.0		82.2	62.3-148		3.97	27.1	
n-Butylbenzene	8.68		"	10.0		86.8	67.2-123		3.17	19.1	
n-Propylbenzene	8.36		"	10.0		83.6	70.5-127		3.76	23.4	
o-Xylene	8.26		"	10.0		82.6	75.9-122		3.45	19.3	
p- & m- Xylenes	17.1		"	20.0		85.6	77.7-127		1.97	18.6	
p-Isopropyltoluene	9.16		"	10.0		91.6	75.6-129		4.06	19.1	
sec-Butylbenzene	8.20		"	10.0		82.0	71.5-125		5.46	18.9	
Styrene	8.57		"	10.0		85.7	77.8-123		0.585	20.9	
tert-Butylbenzene	8.90		"	10.0		89.0	75.9-151		4.50	20.9	
Tetrachloroethylene	8.47		"	10.0		84.7	63.6-167		4.61	27.7	
Toluene	8.69		"	10.0		86.9	77-123		2.28	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		0.193	19.5	
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5	72.5-137		2.12	19.3	
Trichloroethylene	8.63		"	10.0		86.3	77.9-130		3.19	20.5	
Trichlorofluoromethane	9.10		"	10.0		91.0	57.4-133		0.875	21.4	
Vinyl Chloride	8.35		"	10.0		83.5	54.9-124		3.07	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81.2-127*				

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 BH20482 - EPA 5030B											
Blank (BH20482-BLK1)											Prepared: 08/10/2012 Analyzed: 08/11/2012
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	0.55	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	ND	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	1.4	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	"								

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 BH20482 - EPA 5030B											
Blank (BH20482-BLK1)									Prepared: 08/10/2012 Analyzed: 08/11/2012		
Styrene	ND	0.50	ug/L								
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	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81.2-127*				
LCS (BH20482-BS1)									Prepared & Analyzed: 08/10/2012		
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	75.6-137				
1,1,2,2-Tetrachloroethane	9.00		"	10.0		90.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	71.1-129				
1,1,2-Trichloroethane	9.14		"	10.0		91.4	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146				
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136				
1,2,3-Trichlorobenzene	9.68		"	10.0		96.8	66.1-136				
1,2,3-Trichloropropane	8.99		"	10.0		89.9	63-131				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	70.6-136				
1,2,4-Trimethylbenzene	9.01		"	10.0		90.1	75.3-135				
1,2-Dibromo-3-chloropropane	9.21		"	10.0		92.1	58.9-140				
1,2-Dibromoethane	9.75		"	10.0		97.5	79-130				
1,2-Dichlorobenzene	9.04		"	10.0		90.4	76.1-122				
1,2-Dichloroethane	9.98		"	10.0		99.8	74.6-132				
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129				
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	70.6-127				
1,3-Dichlorobenzene	8.98		"	10.0		89.8	77-124				
1,3-Dichloropropane	9.15		"	10.0		91.5	75.8-126				
1,4-Dichlorobenzene	8.85		"	10.0		88.5	76.6-125				
2,2-Dichloropropane	8.73		"	10.0		87.3	69-133				
2-Chlorotoluene	8.80		"	10.0		88.0	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	8.87		"	10.0		88.7	69.2-127				
Acetone	12.3		"	10.0		123	70-130				
Benzene	9.74		"	10.0		97.4	76.2-129				
Bromobenzene	8.91		"	10.0		89.1	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	9.84		"	10.0		98.4	79.7-134				
Bromoform	9.20		"	10.0		92.0	70.5-141				
Bromomethane	9.08		"	10.0		90.8	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	9.39		"	10.0		93.9	80.4-125				
Chloroethane	8.76		"	10.0		87.6	55.8-140				
Chloroform	9.76		"	10.0		97.6	76.6-133				
Chloromethane	8.62		"	10.0		86.2	48.8-115				
cis-1,2-Dichloroethylene	9.88		"	10.0		98.8	75.1-128				
cis-1,3-Dichloropropylene	9.89		"	10.0		98.9	74.5-128				

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 BH20482 - EPA 5030B											
LCS (BH20482-BS1)							Prepared & Analyzed: 08/10/2012				
Dibromochloromethane	9.84		ug/L	10.0		98.4	79.8-134				
Dibromomethane	9.49		"	10.0		94.9	79-130				
Dichlorodifluoromethane	5.45		"	10.0		54.5	47.1-101				
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128				
Hexachlorobutadiene	8.90		"	10.0		89.0	64.8-128				
Isopropylbenzene	9.72		"	10.0		97.2	75.5-135				
Methyl tert-butyl ether (MTBE)	7.79		"	10.0		77.9	65.1-140				
Methylene chloride	12.6		"	10.0		126	61.3-120	High Bias			
Naphthalene	9.83		"	10.0		98.3	62.3-148				
n-Butylbenzene	8.98		"	10.0		89.8	67.2-123				
n-Propylbenzene	9.11		"	10.0		91.1	70.5-127				
o-Xylene	8.99		"	10.0		89.9	75.9-122				
p- & m- Xylenes	18.5		"	20.0		92.5	77.7-127				
p-Isopropyltoluene	9.32		"	10.0		93.2	75.6-129				
sec-Butylbenzene	9.04		"	10.0		90.4	71.5-125				
Styrene	8.50		"	10.0		85.0	77.8-123				
tert-Butylbenzene	9.62		"	10.0		96.2	75.9-151				
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167				
Toluene	9.42		"	10.0		94.2	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	9.68		"	10.0		96.8	72.5-137				
Trichloroethylene	9.63		"	10.0		96.3	77.9-130				
Trichlorofluoromethane	9.28		"	10.0		92.8	57.4-133				
Vinyl Chloride	8.44		"	10.0		84.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.52*		*"*	*10.0*		*95.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81.2-127*				

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 BH20482 - EPA 5030B											
LCS Dup (BH20482-BSD1)							Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82.3-130		1.27	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		1.10	19.7	
1,1,2,2-Tetrachloroethane	8.59		"	10.0		85.9	71.3-131		4.66	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		3.67	21.7	
1,1,2-Trichloroethane	9.05		"	10.0		90.5	74.5-129		0.990	20.3	
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132		4.94	20.6	
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146		5.03	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		2.97	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		3.85	21.6	
1,2,3-Trichloropropane	9.37		"	10.0		93.7	63-131		4.14	23.9	
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	70.6-136		1.22	21.7	
1,2,4-Trimethylbenzene	8.35		"	10.0		83.5	75.3-135		7.60	18.8	
1,2-Dibromo-3-chloropropane	8.73		"	10.0		87.3	58.9-140		5.35	27.7	
1,2-Dibromoethane	9.53		"	10.0		95.3	79-130		2.28	23	
1,2-Dichlorobenzene	8.60		"	10.0		86.0	76.1-122		4.99	19.8	
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132		4.98	20.2	
1,2-Dichloropropane	9.68		"	10.0		96.8	76.9-129		4.44	20.7	
1,3,5-Trimethylbenzene	8.31		"	10.0		83.1	70.6-127		8.97	18.9	
1,3-Dichlorobenzene	8.43		"	10.0		84.3	77-124		6.32	19.2	
1,3-Dichloropropane	9.40		"	10.0		94.0	75.8-126		2.70	22.1	
1,4-Dichlorobenzene	8.58		"	10.0		85.8	76.6-125		3.10	18.6	
2,2-Dichloropropane	8.54		"	10.0		85.4	69-133		2.20	19.8	
2-Chlorotoluene	8.00		"	10.0		80.0	66.3-119		9.52	21.6	
2-Hexanone	9.62		"	10.0		96.2	70-130		7.50	30	
4-Chlorotoluene	8.44		"	10.0		84.4	69.2-127		4.97	19	
Acetone	12.9		"	10.0		129	70-130		4.93	30	
Benzene	10.2		"	10.0		102	76.2-129		4.32	19	
Bromobenzene	8.49		"	10.0		84.9	71.3-123		4.83	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		7.53	23.9	
Bromodichloromethane	9.95		"	10.0		99.5	79.7-134		1.11	21	
Bromoform	9.23		"	10.0		92.3	70.5-141		0.326	21.8	
Bromomethane	9.15		"	10.0		91.5	43.9-147		0.768	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		3.34	20.1	
Chlorobenzene	9.36		"	10.0		93.6	80.4-125		0.320	19.9	
Chloroethane	8.92		"	10.0		89.2	55.8-140		1.81	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		4.02	20.3	
Chloromethane	8.83		"	10.0		88.3	48.8-115		2.41	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		3.19	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		1.90	19.9	
Dibromochloromethane	10.0		"	10.0		100	79.8-134		1.81	21.3	
Dibromomethane	9.76		"	10.0		97.6	79-130		2.81	22.4	
Dichlorodifluoromethane	5.54		"	10.0		55.4	47.1-101		1.64	23.9	
Ethyl Benzene	9.37		"	10.0		93.7	80.8-128		1.38	19.2	
Hexachlorobutadiene	8.73		"	10.0		87.3	64.8-128		1.93	20.6	
Isopropylbenzene	8.92		"	10.0		89.2	75.5-135		8.58	20	
Methyl tert-butyl ether (MTBE)	8.73		"	10.0		87.3	65.1-140		11.4	23.6	
Methylene chloride	13.4		"	10.0		134	61.3-120	High Bias	6.06	20.4	
Naphthalene	9.73		"	10.0		97.3	62.3-148		1.02	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		6.20	19.1	
n-Propylbenzene	8.37		"	10.0		83.7	70.5-127		8.47	23.4	
o-Xylene	8.91		"	10.0		89.1	75.9-122		0.894	19.3	
p- & m- Xylenes	18.3		"	20.0		91.5	77.7-127		1.09	18.6	
p-Isopropyltoluene	8.50		"	10.0		85.0	75.6-129		9.20	19.1	
sec-Butylbenzene	8.35		"	10.0		83.5	71.5-125		7.94	18.9	

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 BH20482 - EPA 5030B											
LCS Dup (BH20482-BSD1)							Prepared & Analyzed: 08/10/2012				
Styrene	8.51		ug/L	10.0		85.1	77.8-123		0.118	20.9	
tert-Butylbenzene	8.92		"	10.0		89.2	75.9-151		7.55	20.9	
Tetrachloroethylene	9.13		"	10.0		91.3	63.6-167		0.00	27.7	
Toluene	9.43		"	10.0		94.3	77-123		0.106	18.7	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76.3-139		6.71	19.5	
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4	72.5-137		0.618	19.3	
Trichloroethylene	9.28		"	10.0		92.8	77.9-130		3.70	20.5	
Trichlorofluoromethane	9.58		"	10.0		95.8	57.4-133		3.18	21.4	
Vinyl Chloride	8.63		"	10.0		86.3	54.9-124		2.23	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.56*		*"*	*10.0*		*95.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81.2-127*				

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 BH20417 - EPA 3010A											
Blank (BH20417-BLK1)								Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20417-DUP1)	*Source sample: 12H0344-01 (WQ080812:1110NP2-10)							Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron - Dissolved	0.0504	0.0100	mg/L		0.0500				0.797	20	
Matrix Spike (BH20417-MS1)	*Source sample: 12H0344-01 (WQ080812:1110NP2-10)							Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron - Dissolved	1.04	0.0100	mg/L	1.00	0.0500	99.4	75-125				
Reference (BH20417-SRM1)								Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron - Dissolved	0.261	0.0100	mg/L	0.274		95.1	86.9-115				

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 BH20417 - EPA 3010A											
Blank (BH20417-BLK1)								Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH20417-DUP1)	*Source sample: 12H0344-01 (WQ080812:1110NP2-10)							Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron	0.917	0.0100	mg/L		0.905				1.34	20	
Matrix Spike (BH20417-MS1)	*Source sample: 12H0344-01 (WQ080812:1110NP2-10)							Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron	1.91	0.0100	mg/L	1.00	0.905	101	75-125				
Reference (BH20417-SRM1)								Prepared: 08/09/2012 Analyzed: 08/10/2012			
Iron	0.261	0.0100	mg/L	0.274		95.1	86.9-115				

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 BH20415 - % Solids Prep											
Blank (BH20415-BLK1)								Prepared & Analyzed: 08/10/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BH20415-DUP1)	*Source sample: 12H0344-01 (WQ080812:1110NP2-10)							Prepared & Analyzed: 08/10/2012			
Total Dissolved Solids	123	1.00	mg/L		124				0.810	15	

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
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.

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.

Revision Description: On 09/10/12 the client submitted a revised COC with modified sample IDs and reporting instructions.

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.

York Project No. 12H0344

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGFCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard (5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package #2-10 only, pdf.
NJDEP Red. Deliv. ___
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet ___
Compare to the following Regs. (please fill in):

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)

Evan Foster
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA 8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP 13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Volatiles	BTUs
Aroma. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	NYCDEP-Sewer	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYSDEC-Sewer	TOC
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	TAGM	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium		Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
~~Rowe~~WQ080812:1100NP2-6	8/8/12	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus Freon 113	2 voa, 1 plastic, 1 HNO3
" :1105NP2-7		GW		"
" :1110NP2-10		GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus Freon 113 / TDS (SM 2540c)	2 voa, 1 plastic, 1 HNO3
~~Rowe~~GWD080812:1120NP1-2-4		GW	VOC's 8260 List (EPA SW845-8260B) + Freon 113	voa vials x 2
" :1125NP1-2-2		GW		
" :1130NP1-2-6		GW		
" :1135NP1-2-7		GW		

Should be on one rept

should be reported in a separate report.

Comments Please make changes indicated in red.

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By 8-9-12 1040 Date/Time
Samples Relinquished By Date/Time
Samples Received By Date/Time 8-9-12 1040
Samples Received in LAB by Date/Time

Temperature on Receipt 5.2°C

(system)

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.

York Project No. 12H0344

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tonde Sandor
E-Mail Address: TSandor@LBGFCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard (5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package #2-10 only, pdf.
NJDEP Red. Deliv. ___
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet ___
Compare to the following Regs. (please fill in):

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)

Evan Foster
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA 8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP 13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Volatiles	BTUs
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	NYCDEP-Sewer	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYSDEC-Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	TAGM	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium		Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
~~Rowe~~WQ080812:1100NP2-6	8/8/12	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2 voa, 1 plastic, 1 HNO3
" :1105NP2-7		GW		"
" :1110NP2-10		GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540c)	2 voa, 1 plastic, 1 HNO3
~~Rowe~~GWD080812:1120NP1-2-4		GW	VOC's 8260 List (EPA SW846-8260B) + Freon 113	voa vials x 2
" :1125NP1-2-2		GW		
" :1130NP1-2-6		GW		
" :1135NP1-2-7		GW		

Should be on one rept

should be reported in a separate report.

Comments Please make changes indicated in red.

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By: 8-9-12 1040 Date/Time
Samples Relinquished By: Date/Time
Samples Received By: Date/Time 8-9-12 1040
Samples Received in LAB by: Date/Time

Temperature on Receipt 5.2°C

(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: 08/23/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0600

Report Date: 08/23/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0600

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 August 16, 2012 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
12H0600-01	WQ81512:1236NP2-6	Water	08/15/2012	08/16/2012
12H0600-02	WQ81512:1241NP2-7	Water	08/15/2012	08/16/2012
12H0602-01	WQ81512:1229NP2-10	Water	08/15/2012	08/16/2012

General Notes for York Project (SDG) No.: 12H0600

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:** 08/23/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ81512:1236NP2-6 **York Sample ID:** 12H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:36 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
71-55-6	1,1,1-Trichloroethane	**0.57**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-34-3	1,1-Dichloroethane	**0.34**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
87-61-6	1,2,3-Trichlorobenzene	**0.12**	J	ug/L	0.12	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS

Sample Information

Client Sample ID: WQ81512:1236NP2-6 **York Sample ID:** 12H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:36 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.090	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
67-66-3	Chloroform	**0.19**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-09-2	Methylene chloride	**0.26**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
91-20-3	Naphthalene	**1.6**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
127-18-4	Tetrachloroethylene	**0.66**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*81.2-127*

Sample Information

Client Sample ID: WQ81512:1236NP2-6 **York Sample ID:** 12H0600-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:36 pm	08/16/2012

Iron, Dissolved by EPA 6010

Log-in Notes: PRES **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 21:27	MW

Iron by EPA 200.7

Log-in Notes: PRES **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	**1.11**		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:32	MW

Sample Information

Client Sample ID: WQ81512:1241NP2-7 **York Sample ID:** 12H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:41 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS

Sample Information

Client Sample ID: WQ81512:1241NP2-7 **York Sample ID:** 12H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:41 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.048	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
67-64-1	Acetone	**2.0**		ug/L	0.90	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
91-20-3	Naphthalene	**0.67**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS

Sample Information

Client Sample ID: WQ81512:1241NP2-7 **York Sample ID:** 12H0600-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0600	Rowe Industries	Water	August 15, 2012 12:41 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/21/2012 10:43	08/21/2012 13:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: PRES **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	**0.0283**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 21:37	MW

Iron by EPA 200.7

Log-in Notes: PRES **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	**1.36**		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:43	MW

Total Dissolved Solids

Log-in Notes: PRES **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	**202**		mg/L	1.00	1.00	1	SM 2540C	08/22/2012 15:31	08/22/2012 15:31	ALD

Sample Information

Client Sample ID: WQ81512:1229NP2-10 **York Sample ID:** 12H0602-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0602	Rowe Industries	Water	August 15, 2012 12:29 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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

Sample Information

Client Sample ID: WQ81512:1229NP2-10 **York Sample ID:** 12H0602-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0602	Rowe Industries	Water	August 15, 2012 12:29 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS

Sample Information

Client Sample ID: WQ81512:1229NP2-10 **York Sample ID:** 12H0602-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0602	Rowe Industries	Water	August 15, 2012 12:29 pm	08/16/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: PRES **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	0.090	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/20/2012 12:38	08/21/2012 06:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ81512:1229NP2-10 **York Sample ID:** 12H0602-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0602	Rowe Industries	Water	August 15, 2012 12:29 pm	08/16/2012

Iron, Dissolved by EPA 6010

Log-in Notes: PRES **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/20/2012 16:30	08/20/2012 20:34	MW

Iron by EPA 200.7

Log-in Notes: PRES **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	**3.89**		mg/L	0.0100	0.0100	1	EPA 200.7	08/20/2012 16:30	08/20/2012 21:07	MW

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BH20820 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0602-01	WQ81512:1229NP2-10	08/20/12
BH20820-BLK1	Blank	08/20/12
BH20820-BS1	LCS	08/20/12
BH20820-BSD1	LCS Dup	08/20/12

Batch ID: BH20842 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-01	WQ81512:1236NP2-6	08/20/12
12H0600-01	WQ81512:1236NP2-6	08/20/12
12H0600-02	WQ81512:1241NP2-7	08/20/12
12H0600-02	WQ81512:1241NP2-7	08/20/12
12H0602-01	WQ81512:1229NP2-10	08/20/12
12H0602-01	WQ81512:1229NP2-10	08/20/12
BH20842-BLK1	Blank	08/20/12
BH20842-BLK1	Blank	08/20/12
BH20842-DUP1	Duplicate	08/20/12
BH20842-DUP1	Duplicate	08/20/12
BH20842-MS1	Matrix Spike	08/20/12
BH20842-MS1	Matrix Spike	08/20/12
BH20842-SRM1	Reference	08/20/12
BH20842-SRM1	Reference	08/20/12

Batch ID: BH20874 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-01	WQ81512:1236NP2-6	08/21/12
12H0600-02	WQ81512:1241NP2-7	08/21/12
BH20874-BLK1	Blank	08/21/12
BH20874-BS1	LCS	08/21/12
BH20874-BSD1	LCS Dup	08/21/12

Batch ID: BH20934 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0600-02	WQ81512:1241NP2-7	08/22/12
BH20934-BLK1	Blank	08/22/12

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 BH20820 - EPA 5030B											
Blank (BH20820-BLK1)											Prepared & Analyzed: 08/20/2012
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	1.1	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	"								
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	0.70	2.0	"								
Naphthalene	3.6	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	"								
sec-Butylbenzene	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 BH20820 - EPA 5030B											
Blank (BH20820-BLK1)								Prepared & Analyzed: 08/20/2012			
Styrene	ND	0.50	ug/L								
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	*9.98*		*"*	*10.0*		*99.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81.2-127*				
LCS (BH20820-BS1)								Prepared & Analyzed: 08/20/2012			
1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82.3-130				
1,1,1-Trichloroethane	9.23		"	10.0		92.3	75.6-137				
1,1,2,2-Tetrachloroethane	9.20		"	10.0		92.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129				
1,1,2-Trichloroethane	8.66		"	10.0		86.6	74.5-129				
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	9.20		"	10.0		92.0	75-136				
1,2,3-Trichlorobenzene	9.75		"	10.0		97.5	66.1-136				
1,2,3-Trichloropropane	9.33		"	10.0		93.3	63-131				
1,2,4-Trichlorobenzene	8.92		"	10.0		89.2	70.6-136				
1,2,4-Trimethylbenzene	7.51		"	10.0		75.1	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	7.75		"	10.0		77.5	58.9-140				
1,2-Dibromoethane	8.98		"	10.0		89.8	79-130				
1,2-Dichlorobenzene	8.80		"	10.0		88.0	76.1-122				
1,2-Dichloroethane	9.42		"	10.0		94.2	74.6-132				
1,2-Dichloropropane	9.12		"	10.0		91.2	76.9-129				
1,3,5-Trimethylbenzene	7.72		"	10.0		77.2	70.6-127				
1,3-Dichlorobenzene	8.58		"	10.0		85.8	77-124				
1,3-Dichloropropane	9.00		"	10.0		90.0	75.8-126				
1,4-Dichlorobenzene	8.78		"	10.0		87.8	76.6-125				
2,2-Dichloropropane	8.90		"	10.0		89.0	69-133				
2-Chlorotoluene	8.44		"	10.0		84.4	66.3-119				
2-Hexanone	9.75		"	10.0		97.5	70-130				
4-Chlorotoluene	8.68		"	10.0		86.8	69.2-127				
Acetone	9.49		"	10.0		94.9	70-130				
Benzene	9.06		"	10.0		90.6	76.2-129				
Bromobenzene	8.71		"	10.0		87.1	71.3-123				
Bromochloromethane	9.11		"	10.0		91.1	70.8-137				
Bromodichloromethane	9.28		"	10.0		92.8	79.7-134				
Bromoform	9.85		"	10.0		98.5	70.5-141				
Bromomethane	9.22		"	10.0		92.2	43.9-147				
Carbon tetrachloride	9.45		"	10.0		94.5	78.1-138				
Chlorobenzene	8.91		"	10.0		89.1	80.4-125				
Chloroethane	8.66		"	10.0		86.6	55.8-140				
Chloroform	8.98		"	10.0		89.8	76.6-133				
Chloromethane	9.24		"	10.0		92.4	48.8-115				
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	75.1-128				
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	74.5-128				

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 BH20820 - EPA 5030B											
LCS (BH20820-BS1)							Prepared & Analyzed: 08/20/2012				
Dibromochloromethane	9.43		ug/L	10.0		94.3	79.8-134				
Dibromomethane	9.37		"	10.0		93.7	79-130				
Dichlorodifluoromethane	8.56		"	10.0		85.6	47.1-101				
Ethyl Benzene	8.84		"	10.0		88.4	80.8-128				
Hexachlorobutadiene	8.39		"	10.0		83.9	64.8-128				
Isopropylbenzene	9.29		"	10.0		92.9	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	9.99		"	10.0		99.9	61.3-120				
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.56		"	10.0		85.6	67.2-123				
n-Propylbenzene	8.49		"	10.0		84.9	70.5-127				
o-Xylene	8.51		"	10.0		85.1	75.9-122				
p- & m- Xylenes	17.0		"	20.0		85.1	77.7-127				
p-Isopropyltoluene	8.65		"	10.0		86.5	75.6-129				
sec-Butylbenzene	8.57		"	10.0		85.7	71.5-125				
Styrene	6.19		"	10.0		61.9	77.8-123	Low Bias			
tert-Butylbenzene	9.50		"	10.0		95.0	75.9-151				
Tetrachloroethylene	8.58		"	10.0		85.8	63.6-167				
Toluene	8.77		"	10.0		87.7	77-123				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76.3-139				
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137				
Trichloroethylene	8.99		"	10.0		89.9	77.9-130				
Trichlorofluoromethane	8.90		"	10.0		89.0	57.4-133				
Vinyl Chloride	8.80		"	10.0		88.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81.2-127*				

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 BH20820 - EPA 5030B											
LCS Dup (BH20820-BSD1)							Prepared & Analyzed: 08/20/2012				
1,1,1,2-Tetrachloroethane	9.26		ug/L	10.0		92.6	82.3-130		0.539	21.1	
1,1,1-Trichloroethane	9.13		"	10.0		91.3	75.6-137		1.09	19.7	
1,1,2,2-Tetrachloroethane	9.15		"	10.0		91.5	71.3-131		0.545	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.97		"	10.0		89.7	71.1-129		7.51	21.7	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		2.17	20.3	
1,1-Dichloroethane	9.75		"	10.0		97.5	79.6-132		1.02	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.975	20	
1,1-Dichloropropylene	8.88		"	10.0		88.8	75-136		3.54	19.3	
1,2,3-Trichlorobenzene	9.11		"	10.0		91.1	66.1-136		6.79	21.6	
1,2,3-Trichloropropane	9.28		"	10.0		92.8	63-131		0.537	23.9	
1,2,4-Trichlorobenzene	8.17		"	10.0		81.7	70.6-136		8.78	21.7	
1,2,4-Trimethylbenzene	7.59		"	10.0		75.9	75.3-135		1.06	18.8	
1,2-Dibromo-3-chloropropane	8.36		"	10.0		83.6	58.9-140		7.57	27.7	
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130		3.18	23	
1,2-Dichlorobenzene	8.40		"	10.0		84.0	76.1-122		4.65	19.8	
1,2-Dichloroethane	9.43		"	10.0		94.3	74.6-132		0.106	20.2	
1,2-Dichloropropane	9.11		"	10.0		91.1	76.9-129		0.110	20.7	
1,3,5-Trimethylbenzene	7.71		"	10.0		77.1	70.6-127		0.130	18.9	
1,3-Dichlorobenzene	8.26		"	10.0		82.6	77-124		3.80	19.2	
1,3-Dichloropropane	8.86		"	10.0		88.6	75.8-126		1.57	22.1	
1,4-Dichlorobenzene	8.46		"	10.0		84.6	76.6-125		3.71	18.6	
2,2-Dichloropropane	8.51		"	10.0		85.1	69-133		4.48	19.8	
2-Chlorotoluene	8.23		"	10.0		82.3	66.3-119		2.52	21.6	
2-Hexanone	9.17		"	10.0		91.7	70-130		6.13	30	
4-Chlorotoluene	8.28		"	10.0		82.8	69.2-127		4.72	19	
Acetone	9.64		"	10.0		96.4	70-130		1.57	30	
Benzene	9.19		"	10.0		91.9	76.2-129		1.42	19	
Bromobenzene	8.51		"	10.0		85.1	71.3-123		2.32	20.3	
Bromochloromethane	9.30		"	10.0		93.0	70.8-137		2.06	23.9	
Bromodichloromethane	9.06		"	10.0		90.6	79.7-134		2.40	21	
Bromoform	9.68		"	10.0		96.8	70.5-141		1.74	21.8	
Bromomethane	9.82		"	10.0		98.2	43.9-147		6.30	28.4	
Carbon tetrachloride	9.11		"	10.0		91.1	78.1-138		3.66	20.1	
Chlorobenzene	8.94		"	10.0		89.4	80.4-125		0.336	19.9	
Chloroethane	8.59		"	10.0		85.9	55.8-140		0.812	23.3	
Chloroform	8.93		"	10.0		89.3	76.6-133		0.558	20.3	
Chloromethane	9.09		"	10.0		90.9	48.8-115		1.64	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		1.94	20.5	
cis-1,3-Dichloropropylene	9.63		"	10.0		96.3	74.5-128		3.27	19.9	
Dibromochloromethane	9.44		"	10.0		94.4	79.8-134		0.106	21.3	
Dibromomethane	9.76		"	10.0		97.6	79-130		4.08	22.4	
Dichlorodifluoromethane	8.15		"	10.0		81.5	47.1-101		4.91	23.9	
Ethyl Benzene	8.90		"	10.0		89.0	80.8-128		0.676	19.2	
Hexachlorobutadiene	7.49		"	10.0		74.9	64.8-128		11.3	20.6	
Isopropylbenzene	9.02		"	10.0		90.2	75.5-135		2.95	20	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140		2.33	23.6	
Methylene chloride	10.0		"	10.0		100	61.3-120		0.200	20.4	
Naphthalene	9.79		"	10.0		97.9	62.3-148		9.44	27.1	
n-Butylbenzene	8.14		"	10.0		81.4	67.2-123		5.03	19.1	
n-Propylbenzene	8.29		"	10.0		82.9	70.5-127		2.38	23.4	
o-Xylene	8.50		"	10.0		85.0	75.9-122		0.118	19.3	
p- & m- Xylenes	17.0		"	20.0		85.0	77.7-127		0.118	18.6	
p-Isopropyltoluene	8.22		"	10.0		82.2	75.6-129		5.10	19.1	
sec-Butylbenzene	8.21		"	10.0		82.1	71.5-125		4.29	18.9	

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 BH20820 - EPA 5030B											
LCS Dup (BH20820-BSD1)								Prepared & Analyzed: 08/20/2012			
Styrene	6.56		ug/L	10.0		65.6	77.8-123	Low Bias	5.80	20.9	
tert-Butylbenzene	9.70		"	10.0		97.0	75.9-151		2.08	20.9	
Tetrachloroethylene	8.33		"	10.0		83.3	63.6-167		2.96	27.7	
Toluene	8.85		"	10.0		88.5	77-123		0.908	18.7	
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	76.3-139		2.18	19.5	
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0	72.5-137		1.61	19.3	
Trichloroethylene	9.11		"	10.0		91.1	77.9-130		1.33	20.5	
Trichlorofluoromethane	8.24		"	10.0		82.4	57.4-133		7.70	21.4	
Vinyl Chloride	8.55		"	10.0		85.5	54.9-124		2.88	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.61*		*"*	*10.0*		*96.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BH20874 - EPA 5030B											
Blank (BH20874-BLK1)								Prepared & Analyzed: 08/21/2012			
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	ND	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	"								

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 BH20874 - EPA 5030B											
Blank (BH20874-BLK1)											
Prepared & Analyzed: 08/21/2012											
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	ND	2.0	"								
Naphthalene	4.4	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	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.56*		*"*	*10.0*		*95.6*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

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 BH20874 - EPA 5030B											
LCS (BH20874-BS1)							Prepared & Analyzed: 08/21/2012				
1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82.3-130				
1,1,1-Trichloroethane	9.62		"	10.0		96.2	75.6-137				
1,1,2,2-Tetrachloroethane	8.38		"	10.0		83.8	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	8.52		"	10.0		85.2	74.5-129				
1,1-Dichloroethane	9.76		"	10.0		97.6	79.6-132				
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146				
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136				
1,2,3-Trichlorobenzene	9.65		"	10.0		96.5	66.1-136				
1,2,3-Trichloropropane	8.08		"	10.0		80.8	63-131				
1,2,4-Trichlorobenzene	8.48		"	10.0		84.8	70.6-136				
1,2,4-Trimethylbenzene	8.91		"	10.0		89.1	75.3-135				
1,2-Dibromo-3-chloropropane	8.68		"	10.0		86.8	58.9-140				
1,2-Dibromoethane	8.72		"	10.0		87.2	79-130				
1,2-Dichlorobenzene	8.48		"	10.0		84.8	76.1-122				
1,2-Dichloroethane	9.05		"	10.0		90.5	74.6-132				
1,2-Dichloropropane	8.88		"	10.0		88.8	76.9-129				
1,3,5-Trimethylbenzene	8.43		"	10.0		84.3	70.6-127				
1,3-Dichlorobenzene	8.09		"	10.0		80.9	77-124				
1,3-Dichloropropane	8.74		"	10.0		87.4	75.8-126				
1,4-Dichlorobenzene	8.20		"	10.0		82.0	76.6-125				
2,2-Dichloropropane	11.0		"	10.0		110	69-133				
2-Chlorotoluene	8.42		"	10.0		84.2	66.3-119				
2-Hexanone	7.49		"	10.0		74.9	70-130				
4-Chlorotoluene	8.59		"	10.0		85.9	69.2-127				
Acetone	8.10		"	10.0		81.0	70-130				
Benzene	8.96		"	10.0		89.6	76.2-129				
Bromobenzene	8.40		"	10.0		84.0	71.3-123				
Bromochloromethane	9.06		"	10.0		90.6	70.8-137				
Bromodichloromethane	9.10		"	10.0		91.0	79.7-134				
Bromoform	9.19		"	10.0		91.9	70.5-141				
Bromomethane	9.77		"	10.0		97.7	43.9-147				
Carbon tetrachloride	9.88		"	10.0		98.8	78.1-138				
Chlorobenzene	8.89		"	10.0		88.9	80.4-125				
Chloroethane	9.28		"	10.0		92.8	55.8-140				
Chloroform	8.91		"	10.0		89.1	76.6-133				
Chloromethane	9.25		"	10.0		92.5	48.8-115				
cis-1,2-Dichloroethylene	9.13		"	10.0		91.3	75.1-128				
cis-1,3-Dichloropropylene	9.59		"	10.0		95.9	74.5-128				
Dibromochloromethane	9.02		"	10.0		90.2	79.8-134				
Dibromomethane	9.42		"	10.0		94.2	79-130				
Dichlorodifluoromethane	9.70		"	10.0		97.0	47.1-101				
Ethyl Benzene	9.23		"	10.0		92.3	80.8-128				
Hexachlorobutadiene	8.70		"	10.0		87.0	64.8-128				
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135				
Methyl tert-butyl ether (MTBE)	8.74		"	10.0		87.4	65.1-140				
Methylene chloride	8.79		"	10.0		87.9	61.3-120				
Naphthalene	11.0		"	10.0		110	62.3-148				
n-Butylbenzene	9.13		"	10.0		91.3	67.2-123				
n-Propylbenzene	8.90		"	10.0		89.0	70.5-127				
o-Xylene	8.74		"	10.0		87.4	75.9-122				
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127				
p-Isopropyltoluene	9.15		"	10.0		91.5	75.6-129				
sec-Butylbenzene	8.93		"	10.0		89.3	71.5-125				

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 BH20874 - EPA 5030B											
LCS (BH20874-BS1)								Prepared & Analyzed: 08/21/2012			
Styrene	8.48		ug/L	10.0		84.8	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	9.15		"	10.0		91.5	63.6-167				
Toluene	8.96		"	10.0		89.6	77-123				
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8	76.3-139				
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	72.5-137				
Trichloroethylene	9.24		"	10.0		92.4	77.9-130				
Trichlorofluoromethane	9.61		"	10.0		96.1	57.4-133				
Vinyl Chloride	9.64		"	10.0		96.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.70*		*"*	*10.0*		*97.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS Dup (BH20874-BSD1)								Prepared & Analyzed: 08/21/2012			
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	82.3-130		4.43	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		4.97	19.7	
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3	71.3-131		6.35	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		2.15	21.7	
1,1,2-Trichloroethane	8.86		"	10.0		88.6	74.5-129		3.91	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		4.90	20.6	
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146		3.69	20	
1,1-Dichloropropylene	9.71		"	10.0		97.1	75-136		3.56	19.3	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	66.1-136		13.5	21.6	
1,2,3-Trichloropropane	8.93		"	10.0		89.3	63-131		9.99	23.9	
1,2,4-Trichlorobenzene	9.82		"	10.0		98.2	70.6-136		14.6	21.7	
1,2,4-Trimethylbenzene	9.31		"	10.0		93.1	75.3-135		4.39	18.8	
1,2-Dibromo-3-chloropropane	9.38		"	10.0		93.8	58.9-140		7.75	27.7	
1,2-Dibromoethane	9.88		"	10.0		98.8	79-130		12.5	23	
1,2-Dichlorobenzene	9.18		"	10.0		91.8	76.1-122		7.93	19.8	
1,2-Dichloroethane	9.53		"	10.0		95.3	74.6-132		5.17	20.2	
1,2-Dichloropropane	9.35		"	10.0		93.5	76.9-129		5.16	20.7	
1,3,5-Trimethylbenzene	8.62		"	10.0		86.2	70.6-127		2.23	18.9	
1,3-Dichlorobenzene	8.77		"	10.0		87.7	77-124		8.07	19.2	
1,3-Dichloropropane	9.10		"	10.0		91.0	75.8-126		4.04	22.1	
1,4-Dichlorobenzene	8.89		"	10.0		88.9	76.6-125		8.07	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		6.44	19.8	
2-Chlorotoluene	8.64		"	10.0		86.4	66.3-119		2.58	21.6	
2-Hexanone	8.43		"	10.0		84.3	70-130		11.8	30	
4-Chlorotoluene	8.77		"	10.0		87.7	69.2-127		2.07	19	
Acetone	8.71		"	10.0		87.1	70-130		7.26	30	
Benzene	9.50		"	10.0		95.0	76.2-129		5.85	19	
Bromobenzene	8.90		"	10.0		89.0	71.3-123		5.78	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		9.86	23.9	
Bromodichloromethane	9.39		"	10.0		93.9	79.7-134		3.14	21	
Bromoform	9.64		"	10.0		96.4	70.5-141		4.78	21.8	
Bromomethane	10.4		"	10.0		104	43.9-147		6.34	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		2.20	20.1	
Chlorobenzene	9.34		"	10.0		93.4	80.4-125		4.94	19.9	
Chloroethane	9.45		"	10.0		94.5	55.8-140		1.82	23.3	
Chloroform	9.42		"	10.0		94.2	76.6-133		5.56	20.3	
Chloromethane	9.55		"	10.0		95.5	48.8-115		3.19	24.5	
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	75.1-128		2.06	20.5	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128		4.88	19.9	
Dibromochloromethane	10.1		"	10.0		101	79.8-134		11.4	21.3	

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 BH20874 - EPA 5030B											
LCS Dup (BH20874-BSD1)							Prepared & Analyzed: 08/21/2012				
Dibromomethane	10.1		ug/L	10.0		101	79-130		6.57	22.4	
Dichlorodifluoromethane	9.81		"	10.0		98.1	47.1-101		1.13	23.9	
Ethyl Benzene	9.50		"	10.0		95.0	80.8-128		2.88	19.2	
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128		18.1	20.6	
Isopropylbenzene	9.78		"	10.0		97.8	75.5-135		2.28	20	
Methyl tert-butyl ether (MTBE)	9.70		"	10.0		97.0	65.1-140		10.4	23.6	
Methylene chloride	9.51		"	10.0		95.1	61.3-120		7.87	20.4	
Naphthalene	10.8		"	10.0		108	62.3-148		1.01	27.1	
n-Butylbenzene	9.66		"	10.0		96.6	67.2-123		5.64	19.1	
n-Propylbenzene	9.07		"	10.0		90.7	70.5-127		1.89	23.4	
o-Xylene	9.07		"	10.0		90.7	75.9-122		3.71	19.3	
p- & m- Xylenes	18.5		"	20.0		92.7	77.7-127		3.62	18.6	
p-Isopropyltoluene	9.53		"	10.0		95.3	75.6-129		4.07	19.1	
sec-Butylbenzene	9.11		"	10.0		91.1	71.5-125		2.00	18.9	
Styrene	8.85		"	10.0		88.5	77.8-123		4.27	20.9	
tert-Butylbenzene	10.7		"	10.0		107	75.9-151		3.81	20.9	
Tetrachloroethylene	9.30		"	10.0		93.0	63.6-167		1.63	27.7	
Toluene	9.34		"	10.0		93.4	77-123		4.15	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		2.77	19.5	
trans-1,3-Dichloropropylene	9.70		"	10.0		97.0	72.5-137		5.51	19.3	
Trichloroethylene	9.46		"	10.0		94.6	77.9-130		2.35	20.5	
Trichlorofluoromethane	9.81		"	10.0		98.1	57.4-133		2.06	21.4	
Vinyl Chloride	9.73		"	10.0		97.3	54.9-124		0.929	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.90*		*"*	*10.0*		*99.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

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 BH20842 - EPA 3010A											
Blank (BH20842-BLK1)								Prepared & Analyzed: 08/20/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20842-DUP1)	*Source sample: 12H0602-01 (WQ81512:1229NP2-10)							Prepared & Analyzed: 08/20/2012			
Iron - Dissolved	ND	0.0100	mg/L		ND					20	
Matrix Spike (BH20842-MS1)	*Source sample: 12H0602-01 (WQ81512:1229NP2-10)							Prepared & Analyzed: 08/20/2012			
Iron - Dissolved	1.09	0.0100	mg/L	1.00	ND	109	75-125				
Reference (BH20842-SRM1)								Prepared & Analyzed: 08/20/2012			
Iron - Dissolved	0.245	0.0100	mg/L	0.274		89.3	86.9-115				

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 BH20842 - EPA 3010A											
Blank (BH20842-BLK1)								Prepared & Analyzed: 08/20/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH20842-DUP1)	*Source sample: 12H0602-01 (WQ81512:1229NP2-10)							Prepared & Analyzed: 08/20/2012			
Iron	3.82	0.0100	mg/L		3.89				1.68	20	
Matrix Spike (BH20842-MS1)	*Source sample: 12H0602-01 (WQ81512:1229NP2-10)							Prepared & Analyzed: 08/20/2012			
Iron	4.89	0.0100	mg/L	1.00	3.89	100	75-125				
Reference (BH20842-SRM1)								Prepared & Analyzed: 08/20/2012			
Iron	0.245	0.0100	mg/L	0.274		89.3	86.9-115				

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 BH20934 - % Solids Prep											
Blank (BH20934-BLK1)											Prepared & Analyzed: 08/22/2012
Total Dissolved Solids	ND	1.00	mg/L								

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
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.

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: Client submitted all 250 ml plastics unpreserved - JG 08/16/2012

Corrective Action: Client submitted all 250 ml plastics unpreserved - JG 08/16/2012

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. 12H0600

YOUR Information
Company: LBG
Address: 4 Research Drive Suite 301
Shelton, CT 06484
Phone No. 203 929 8555
Contact Person: Trude Sandor
E-Mail Address: TSANDOR@LBGT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, PDF
- Summary w/ QA Summary X, PDF
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- NY ASP B Package MP2-10 only
- NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ____
- EQuIS (std) ____
- EZ-EDD (EQuIS) ____
- NJDEP SRP HazSite EDD ____
- GIS/KEY (std) ____
- Other ____
- **York Regulatory Comparison Excel Spreadsheet** ____

Compare to the following Regs. (please fill in):

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)

Paul Tobman
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Discrete Pattern	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ81512:1229 MP2-10	8/15/12 12:29	GW	Fe by EPA 200.7, FE dissolved by EPA 6010/VOCs by 8260 List plus freon 113	2V, 2P
WQ81512:1236 MP2-6	8/15/12 12:36	↓	↓	↓
WQ81512:1241 MP2-7	8/15/12 12:41	↓	FE by 200.7, FE dissolved by 6010, VOCs by 8260 plus freon 113 TDS	2V, 3P

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 8/16/12 15:09
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 8/16/12 15:09
Samples Received in LAB by — Date/Time: 8/16/12 - 1600

Temperature on Receipt 4.6 °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. 12H0602

YOUR Information	**Report To:**	**Invoice To:**
Company: LBG	Company: Same	Company: Same
Address: 4 Research Drive Suite 301 Shelton, CT 06484	Address:	Address:
Phone No. 2039298555	Phone No.	Phone No.
Contact Person: Trude Sandor	Attention:	Attention:
E-Mail Address: TSANDOR@LBGCT.com	E-Mail Address:	E-Mail Address:

YOUR Project ID: Rowe Industries

Purchase Order No.: NAB5AG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, PDF
- Summary w/ QA Summary X, PDF
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- NY ASP B Package NP2-10 only
- NJDEP Red. Deliv. ____

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)

Paul Tobmann
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ____
- EQuIS (std) ____
- EZ-EDD (EQuIS) ____
- NJDEP SRP HazSite EDD ____
- GIS/KEY (std) ____
- Other ____
- **York Regulatory Comparison Excel Spreadsheet**

Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ81512:1229 NP2-10	8/15/12 12:29	GW	Fe by EPA 200.7, Fe dissolved by EPA 6010/VOCs by 8260 List plus freon 113	2V, 2P
WQ81512:1236 NP2-6	8/15/12 12:36	↓	↓	↓
WQ81512:1241 NP2-7	8/15/12 12:41	↓	Fe by 200.7, Fe dissolved by 6010, VOCs by 8260 plus freon 113, TDS	2V, 3P

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — 8/16/12 15:09 Date/Time
Samples Relinquished By — Date/Time

Samples Received By — 8/16/12 15:09 Date/Time
Samples Received in LAB by — 8/16/12 1600 Date/Time

Temperature on Receipt 4.6 °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: 08/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0846

Report Date: 08/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0846

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 August 24, 2012 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
12H0846-01	WQ82112:1100NP2-6	Water	08/21/2012	08/24/2012
12H0846-02	WQ82112:1105NP2-7	Water	08/21/2012	08/24/2012
12H0847-01	WQ82112:1110NP2-10	Water	08/21/2012	08/24/2012

General Notes for York Project (SDG) No.: 12H0846

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: 08/31/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ82112:1100NP2-6 **York Sample ID:** 12H0846-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:00 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
71-55-6	1,1,1-Trichloroethane	**0.62**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-34-3	1,1-Dichloroethane	**0.29**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS

Sample Information

Client Sample ID: WQ82112:1100NP2-6 **York Sample ID:** 12H0846-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:00 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
67-66-3	Chloroform	**0.15**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
91-20-3	Naphthalene	**0.26**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
127-18-4	Tetrachloroethylene	**1.1**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ82112:1100NP2-6 **York Sample ID:** 12H0846-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:00 am	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.122**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 17:59	MW

Iron by EPA 200.7

Log-in Notes: **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	**1.67**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:04	MW

Sample Information

Client Sample ID: WQ82112:1105NP2-7 **York Sample ID:** 12H0846-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:05 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

Sample Information

Client Sample ID: WQ82112:1105NP2-7 **York Sample ID:** 12H0846-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:05 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
91-20-3	Naphthalene	**0.29**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

Sample Information

Client Sample ID: WQ82112:1105NP2-7 **York Sample ID:** 12H0846-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0846	Rowe Industries	Water	August 21, 2012 11:05 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 17:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.202**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 18:08	MW

Iron by EPA 200.7

Log-in Notes: **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	**85.7**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:13	MW

Sample Information

Client Sample ID: WQ82112:1110NP2-10 **York Sample ID:** 12H0847-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0847	Rowe Industries	Water	August 21, 2012 11:10 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS

Sample Information

Client Sample ID: WQ82112:1110NP2-10 **York Sample ID:** 12H0847-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0847	Rowe Industries	Water	August 21, 2012 11:10 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS

Sample Information

Client Sample ID: WQ82112:1110NP2-10 **York Sample ID:** 12H0847-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0847	Rowe Industries	Water	August 21, 2012 11:10 am	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
91-20-3	Naphthalene	**0.13**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 16:55	08/28/2012 06:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ82112:1110NP2-10 **York Sample ID:** 12H0847-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0847	Rowe Industries	Water	August 21, 2012 11:10 am	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0111**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 18:18	MW

Iron by EPA 200.7

Log-in Notes: **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	**4.76**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:23	MW

Total Dissolved Solids

Log-in Notes: **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	**137**		mg/L	1.00	1.00	1	SM 2540C	08/28/2012 09:31	08/28/2012 09:31	ALD

Analytical Batch Summary

Batch ID: BH21105 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
BH21105-BLK1	Blank	08/27/12
BH21105-BS1	LCS	08/27/12
BH21105-BSD1	LCS Dup	08/27/12

Batch ID: BH21120 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0847-01	WQ82112:1110NP2-10	08/28/12
BH21120-BLK1	Blank	08/28/12
BH21120-DUP1	Duplicate	08/28/12

Batch ID: BH21130 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-01	WQ82112:1100NP2-6	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
12H0846-02	WQ82112:1105NP2-7	08/27/12
12H0847-01	WQ82112:1110NP2-10	08/27/12
12H0847-01	WQ82112:1110NP2-10	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-SRM1	Reference	08/27/12
BH21130-SRM1	Reference	08/27/12

Batch ID: BH21138 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0847-01	WQ82112:1110NP2-10	08/27/12
BH21138-BLK1	Blank	08/27/12
BH21138-BS1	LCS	08/27/12
BH21138-BSD1	LCS Dup	08/27/12

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 BH21105 - EPA 5030B											
Blank (BH21105-BLK1)											Prepared & Analyzed: 08/27/2012
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	1.6	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.92	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	1.7	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.3	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	0.56	2.0	"								
Naphthalene	11	2.0	"								
n-Butylbenzene	0.58	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	"								

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 BH21105 - EPA 5030B											
Blank (BH21105-BLK1)								Prepared & Analyzed: 08/27/2012			
Styrene	ND	0.50	ug/L								
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	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BH21105-BS1)								Prepared & Analyzed: 08/27/2012			
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82.3-130				
1,1,1-Trichloroethane	9.59		"	10.0		95.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.81		"	10.0		88.1	71.1-129				
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129				
1,1-Dichloroethane	9.64		"	10.0		96.4	79.6-132				
1,1-Dichloroethylene	9.91		"	10.0		99.1	80.2-146				
1,1-Dichloropropylene	6.42		"	10.0		64.2	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	66.1-136				
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131				
1,2,4-Trichlorobenzene	8.49		"	10.0		84.9	70.6-136				
1,2,4-Trimethylbenzene	6.94		"	10.0		69.4	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140				
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130				
1,2-Dichlorobenzene	8.58		"	10.0		85.8	76.1-122				
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132				
1,2-Dichloropropane	8.94		"	10.0		89.4	76.9-129				
1,3,5-Trimethylbenzene	7.96		"	10.0		79.6	70.6-127				
1,3-Dichlorobenzene	8.22		"	10.0		82.2	77-124				
1,3-Dichloropropane	9.01		"	10.0		90.1	75.8-126				
1,4-Dichlorobenzene	8.51		"	10.0		85.1	76.6-125				
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	8.67		"	10.0		86.7	69.2-127				
Acetone	11.4		"	10.0		114	70-130				
Benzene	9.26		"	10.0		92.6	76.2-129				
Bromobenzene	8.22		"	10.0		82.2	71.3-123				
Bromochloromethane	9.34		"	10.0		93.4	70.8-137				
Bromodichloromethane	9.62		"	10.0		96.2	79.7-134				
Bromoform	10.4		"	10.0		104	70.5-141				
Bromomethane	7.89		"	10.0		78.9	43.9-147				
Carbon tetrachloride	7.42		"	10.0		74.2	78.1-138	Low Bias			
Chlorobenzene	8.68		"	10.0		86.8	80.4-125				
Chloroethane	8.70		"	10.0		87.0	55.8-140				
Chloroform	9.24		"	10.0		92.4	76.6-133				
Chloromethane	9.02		"	10.0		90.2	48.8-115				
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				

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 BH21105 - EPA 5030B											
LCS (BH21105-BS1)							Prepared & Analyzed: 08/27/2012				
Dibromochloromethane	9.26		ug/L	10.0		92.6	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	9.34		"	10.0		93.4	47.1-101				
Ethyl Benzene	13.9		"	10.0		139	80.8-128	High Bias			
Hexachlorobutadiene	8.11		"	10.0		81.1	64.8-128				
Isopropylbenzene	9.33		"	10.0		93.3	75.5-135				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	65.1-140				
Methylene chloride	9.16		"	10.0		91.6	61.3-120				
Naphthalene	14.1		"	10.0		141	62.3-148				
n-Butylbenzene	8.95		"	10.0		89.5	67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1	70.5-127				
o-Xylene	8.56		"	10.0		85.6	75.9-122				
p- & m- Xylenes	17.4		"	20.0		87.2	77.7-127				
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129				
sec-Butylbenzene	8.48		"	10.0		84.8	71.5-125				
Styrene	5.91		"	10.0		59.1	77.8-123	Low Bias			
tert-Butylbenzene	9.47		"	10.0		94.7	75.9-151				
Tetrachloroethylene	8.52		"	10.0		85.2	63.6-167				
Toluene	9.11		"	10.0		91.1	77-123				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	76.3-139				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	72.5-137				
Trichloroethylene	9.18		"	10.0		91.8	77.9-130				
Trichlorofluoromethane	8.99		"	10.0		89.9	57.4-133				
Vinyl Chloride	9.19		"	10.0		91.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

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 BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)							Prepared & Analyzed: 08/27/2012				
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82.3-130		1.56	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		2.96	19.7	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	71.3-131		1.53	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0		85.7	71.1-129		2.76	21.7	
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129		4.58	20.3	
1,1-Dichloroethane	9.33		"	10.0		93.3	79.6-132		3.27	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		1.40	20	
1,1-Dichloropropylene	7.96		"	10.0		79.6	75-136		21.4	19.3	Non-dir.
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136		4.46	21.6	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	63-131		4.95	23.9	
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136		3.70	21.7	
1,2,4-Trimethylbenzene	8.41		"	10.0		84.1	75.3-135		19.2	18.8	Non-dir.
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		2.13	27.7	
1,2-Dibromoethane	9.32		"	10.0		93.2	79-130		0.538	23	
1,2-Dichlorobenzene	8.62		"	10.0		86.2	76.1-122		0.465	19.8	
1,2-Dichloroethane	9.34		"	10.0		93.4	74.6-132		0.747	20.2	
1,2-Dichloropropane	8.73		"	10.0		87.3	76.9-129		2.38	20.7	
1,3,5-Trimethylbenzene	8.52		"	10.0		85.2	70.6-127		6.80	18.9	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124		1.33	19.2	
1,3-Dichloropropane	8.90		"	10.0		89.0	75.8-126		1.23	22.1	
1,4-Dichlorobenzene	8.34		"	10.0		83.4	76.6-125		2.02	18.6	
2,2-Dichloropropane	9.08		"	10.0		90.8	69-133		1.96	19.8	
2-Chlorotoluene	8.22		"	10.0		82.2	66.3-119		25.6	21.6	Non-dir.
2-Hexanone	10.4		"	10.0		104	70-130		8.90	30	
4-Chlorotoluene	8.56		"	10.0		85.6	69.2-127		1.28	19	
Acetone	11.4		"	10.0		114	70-130		0.263	30	
Benzene	9.02		"	10.0		90.2	76.2-129		2.63	19	
Bromobenzene	8.39		"	10.0		83.9	71.3-123		2.05	20.3	
Bromochloromethane	9.24		"	10.0		92.4	70.8-137		1.08	23.9	
Bromodichloromethane	9.36		"	10.0		93.6	79.7-134		2.74	21	
Bromoform	9.42		"	10.0		94.2	70.5-141		9.50	21.8	
Bromomethane	8.08		"	10.0		80.8	43.9-147		2.38	28.4	
Carbon tetrachloride	8.64		"	10.0		86.4	78.1-138		15.2	20.1	
Chlorobenzene	8.51		"	10.0		85.1	80.4-125		1.98	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		0.344	23.3	
Chloroform	9.08		"	10.0		90.8	76.6-133		1.75	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		2.63	24.5	
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	75.1-128		5.22	20.5	
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128		7.13	19.9	
Dibromochloromethane	8.86		"	10.0		88.6	79.8-134		4.42	21.3	
Dibromomethane	9.49		"	10.0		94.9	79-130		0.944	22.4	
Dichlorodifluoromethane	9.20		"	10.0		92.0	47.1-101		1.51	23.9	
Ethyl Benzene	9.02		"	10.0		90.2	80.8-128		42.9	19.2	Non-dir.
Hexachlorobutadiene	8.40		"	10.0		84.0	64.8-128		3.51	20.6	
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		0.641	20	
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	65.1-140		7.42	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		0.00	20.4	
Naphthalene	14.9		"	10.0		149	62.3-148	High Bias	5.73	27.1	
n-Butylbenzene	9.01		"	10.0		90.1	67.2-123		0.668	19.1	
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127		0.115	23.4	
o-Xylene	8.62		"	10.0		86.2	75.9-122		0.698	19.3	
p- & m- Xylenes	17.5		"	20.0		87.7	77.7-127		0.514	18.6	
p-Isopropyltoluene	8.88		"	10.0		88.8	75.6-129		1.70	19.1	
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125		1.41	18.9	

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 BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)							Prepared & Analyzed: 08/27/2012				
Styrene	8.27		ug/L	10.0		82.7	77.8-123		33.3	20.9	Non-dir.
tert-Butylbenzene	9.33		"	10.0		93.3	75.9-151		1.49	20.9	
Tetrachloroethylene	8.16		"	10.0		81.6	63.6-167		4.32	27.7	
Toluene	8.90		"	10.0		89.0	77-123		2.33	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	76.3-139		3.37	19.5	
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	72.5-137		3.53	19.3	
Trichloroethylene	8.91		"	10.0		89.1	77.9-130		2.99	20.5	
Trichlorofluoromethane	8.94		"	10.0		89.4	57.4-133		0.558	21.4	
Vinyl Chloride	8.98		"	10.0		89.8	54.9-124		2.31	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BH21138 - EPA 5030B											
Blank (BH21138-BLK1)							Prepared: 08/27/2012 Analyzed: 08/28/2012				
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	9.8	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	"								

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 BH21138 - EPA 5030B											
Blank (BH21138-BLK1)									Prepared: 08/27/2012 Analyzed: 08/28/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	0.54	2.0	"								
Naphthalene	1.6	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	"								
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	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.42*		*"*	*10.0*		*94.2*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

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 BH21138 - EPA 5030B											
LCS (BH21138-BS1)								Prepared & Analyzed: 08/27/2012			
1,1,1,2-Tetrachloroethane	8.86		ug/L	10.0		88.6	82.3-130				
1,1,1-Trichloroethane	9.76		"	10.0		97.6	75.6-137				
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.98		"	10.0		99.8	71.1-129				
1,1,2-Trichloroethane	9.02		"	10.0		90.2	74.5-129				
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	9.05		"	10.0		90.5	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	8.70		"	10.0		87.0	63-131				
1,2,4-Trichlorobenzene	8.94		"	10.0		89.4	70.6-136				
1,2,4-Trimethylbenzene	8.16		"	10.0		81.6	75.3-135				
1,2-Dibromo-3-chloropropane	8.88		"	10.0		88.8	58.9-140				
1,2-Dibromoethane	9.45		"	10.0		94.5	79-130				
1,2-Dichlorobenzene	8.07		"	10.0		80.7	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	9.12		"	10.0		91.2	76.9-129				
1,3,5-Trimethylbenzene	7.44		"	10.0		74.4	70.6-127				
1,3-Dichlorobenzene	7.61		"	10.0		76.1	77-124	Low Bias			
1,3-Dichloropropane	9.62		"	10.0		96.2	75.8-126				
1,4-Dichlorobenzene	7.90		"	10.0		79.0	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	8.10		"	10.0		81.0	66.3-119				
2-Hexanone	10.9		"	10.0		109	70-130				
4-Chlorotoluene	8.01		"	10.0		80.1	69.2-127				
Acetone	14.6		"	10.0		146	70-130	High Bias			
Benzene	9.27		"	10.0		92.7	76.2-129				
Bromobenzene	8.40		"	10.0		84.0	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	9.54		"	10.0		95.4	79.7-134				
Bromoform	9.12		"	10.0		91.2	70.5-141				
Bromomethane	8.06		"	10.0		80.6	43.9-147				
Carbon tetrachloride	9.67		"	10.0		96.7	78.1-138				
Chlorobenzene	8.69		"	10.0		86.9	80.4-125				
Chloroethane	8.72		"	10.0		87.2	55.8-140				
Chloroform	9.72		"	10.0		97.2	76.6-133				
Chloromethane	10.8		"	10.0		108	48.8-115				
cis-1,2-Dichloroethylene	9.68		"	10.0		96.8	75.1-128				
cis-1,3-Dichloropropylene	9.92		"	10.0		99.2	74.5-128				
Dibromochloromethane	9.42		"	10.0		94.2	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.0		"	10.0		100	47.1-101				
Ethyl Benzene	8.81		"	10.0		88.1	80.8-128				
Hexachlorobutadiene	7.81		"	10.0		78.1	64.8-128				
Isopropylbenzene	8.36		"	10.0		83.6	75.5-135				
Methyl tert-butyl ether (MTBE)	7.85		"	10.0		78.5	65.1-140				
Methylene chloride	9.94		"	10.0		99.4	61.3-120				
Naphthalene	12.4		"	10.0		124	62.3-148				
n-Butylbenzene	8.23		"	10.0		82.3	67.2-123				
n-Propylbenzene	7.89		"	10.0		78.9	70.5-127				
o-Xylene	8.65		"	10.0		86.5	75.9-122				
p- & m- Xylenes	17.5		"	20.0		87.4	77.7-127				
p-Isopropyltoluene	7.85		"	10.0		78.5	75.6-129				
sec-Butylbenzene	7.64		"	10.0		76.4	71.5-125				

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 BH21138 - EPA 5030B											
LCS (BH21138-BS1)								Prepared & Analyzed: 08/27/2012			
Styrene	8.42		ug/L	10.0		84.2	77.8-123				
tert-Butylbenzene	8.92		"	10.0		89.2	75.9-151				
Tetrachloroethylene	8.08		"	10.0		80.8	63.6-167				
Toluene	8.70		"	10.0		87.0	77-123				
trans-1,2-Dichloroethylene	9.86		"	10.0		98.6	76.3-139				
trans-1,3-Dichloropropylene	9.81		"	10.0		98.1	72.5-137				
Trichloroethylene	8.86		"	10.0		88.6	77.9-130				
Trichlorofluoromethane	9.29		"	10.0		92.9	57.4-133				
Vinyl Chloride	9.38		"	10.0		93.8	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*63.5-145*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81.2-127*				
LCS Dup (BH21138-BSD1)								Prepared: 08/27/2012 Analyzed: 08/28/2012			
1,1,1,2-Tetrachloroethane	9.07		ug/L	10.0		90.7	82.3-130		2.34	21.1	
1,1,1-Trichloroethane	9.57		"	10.0		95.7	75.6-137		1.97	19.7	
1,1,2,2-Tetrachloroethane	9.19		"	10.0		91.9	71.3-131		4.11	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		0.400	21.7	
1,1,2-Trichloroethane	9.49		"	10.0		94.9	74.5-129		5.08	20.3	
1,1-Dichloroethane	9.93		"	10.0		99.3	79.6-132		0.702	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		0.486	20	
1,1-Dichloropropylene	9.00		"	10.0		90.0	75-136		0.554	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		5.32	21.6	
1,2,3-Trichloropropane	8.18		"	10.0		81.8	63-131		6.16	23.9	
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	70.6-136		5.97	21.7	
1,2,4-Trimethylbenzene	7.92		"	10.0		79.2	75.3-135		2.99	18.8	
1,2-Dibromo-3-chloropropane	9.24		"	10.0		92.4	58.9-140		3.97	27.7	
1,2-Dibromoethane	9.68		"	10.0		96.8	79-130		2.40	23	
1,2-Dichlorobenzene	8.10		"	10.0		81.0	76.1-122		0.371	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		0.0983	20.2	
1,2-Dichloropropane	9.27		"	10.0		92.7	76.9-129		1.63	20.7	
1,3,5-Trimethylbenzene	7.15		"	10.0		71.5	70.6-127		3.98	18.9	
1,3-Dichlorobenzene	7.50		"	10.0		75.0	77-124	Low Bias	1.46	19.2	
1,3-Dichloropropane	9.57		"	10.0		95.7	75.8-126		0.521	22.1	
1,4-Dichlorobenzene	7.65		"	10.0		76.5	76.6-125	Low Bias	3.22	18.6	
2,2-Dichloropropane	11.3		"	10.0		113	69-133		7.51	19.8	
2-Chlorotoluene	7.69		"	10.0		76.9	66.3-119		5.19	21.6	
2-Hexanone	9.78		"	10.0		97.8	70-130		10.9	30	
4-Chlorotoluene	7.62		"	10.0		76.2	69.2-127		4.99	19	
Acetone	14.2		"	10.0		142	70-130	High Bias	2.91	30	
Benzene	9.36		"	10.0		93.6	76.2-129		0.966	19	
Bromobenzene	8.14		"	10.0		81.4	71.3-123		3.14	20.3	
Bromochloromethane	10.3		"	10.0		103	70.8-137		1.27	23.9	
Bromodichloromethane	9.53		"	10.0		95.3	79.7-134		0.105	21	
Bromoform	9.87		"	10.0		98.7	70.5-141		7.90	21.8	
Bromomethane	8.96		"	10.0		89.6	43.9-147		10.6	28.4	
Carbon tetrachloride	9.37		"	10.0		93.7	78.1-138		3.15	20.1	
Chlorobenzene	8.57		"	10.0		85.7	80.4-125		1.39	19.9	
Chloroethane	8.76		"	10.0		87.6	55.8-140		0.458	23.3	
Chloroform	9.58		"	10.0		95.8	76.6-133		1.45	20.3	
Chloromethane	10.5		"	10.0		105	48.8-115		3.29	24.5	
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	75.1-128		0.726	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		1.20	19.9	
Dibromochloromethane	9.78		"	10.0		97.8	79.8-134		3.75	21.3	

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 BH21138 - EPA 5030B											
LCS Dup (BH21138-BSD1)									Prepared: 08/27/2012 Analyzed: 08/28/2012		
Dibromomethane	10.2		ug/L	10.0		102	79-130		0.687	22.4	
Dichlorodifluoromethane	9.80		"	10.0		98.0	47.1-101		2.52	23.9	
Ethyl Benzene	8.66		"	10.0		86.6	80.8-128		1.72	19.2	
Hexachlorobutadiene	8.05		"	10.0		80.5	64.8-128		3.03	20.6	
Isopropylbenzene	7.96		"	10.0		79.6	75.5-135		4.90	20	
Methyl tert-butyl ether (MTBE)	8.58		"	10.0		85.8	65.1-140		8.89	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		2.97	20.4	
Naphthalene	13.1		"	10.0		131	62.3-148		5.43	27.1	
n-Butylbenzene	7.93		"	10.0		79.3	67.2-123		3.71	19.1	
n-Propylbenzene	7.42		"	10.0		74.2	70.5-127		6.14	23.4	
o-Xylene	8.57		"	10.0		85.7	75.9-122		0.929	19.3	
p- & m- Xylenes	17.3		"	20.0		86.7	77.7-127		0.804	18.6	
p-Isopropyltoluene	7.50		"	10.0		75.0	75.6-129	Low Bias	4.56	19.1	
sec-Butylbenzene	7.37		"	10.0		73.7	71.5-125		3.60	18.9	
Styrene	8.55		"	10.0		85.5	77.8-123		1.53	20.9	
tert-Butylbenzene	8.66		"	10.0		86.6	75.9-151		2.96	20.9	
Tetrachloroethylene	7.91		"	10.0		79.1	63.6-167		2.13	27.7	
Toluene	8.65		"	10.0		86.5	77-123		0.576	18.7	
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	76.3-139		1.02	19.5	
trans-1,3-Dichloropropylene	9.74		"	10.0		97.4	72.5-137		0.716	19.3	
Trichloroethylene	8.65		"	10.0		86.5	77.9-130		2.40	20.5	
Trichlorofluoromethane	9.47		"	10.0		94.7	57.4-133		1.92	21.4	
Vinyl Chloride	9.19		"	10.0		91.9	54.9-124		2.05	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.29*		*"*	*10.0*		*92.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81.2-127*				

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 BH21130 - EPA 3010A											
Blank (BH21130-BLK1)									Prepared & Analyzed: 08/27/2012		
Iron - Dissolved	ND	0.0100	mg/L								
Reference (BH21130-SRM1)									Prepared & Analyzed: 08/27/2012		
Iron - Dissolved	0.260	0.0100	mg/L	0.274		94.8	86.9-115				

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 BH21130 - EPA 3010A											
Blank (BH21130-BLK1)									Prepared & Analyzed: 08/27/2012		
Iron	ND	0.0100	mg/L								
Reference (BH21130-SRM1)									Prepared & Analyzed: 08/27/2012		
Iron	0.260	0.0100	mg/L	0.274		94.8	86.9-115				

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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 BH21120 - % Solids Prep											
Blank (BH21120-BLK1)								Prepared & Analyzed: 08/28/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BH21120-DUP1)	*Source sample: 12H0847-01 (WQ82112:1110NP2-10)							Prepared & Analyzed: 08/28/2012			
Total Dissolved Solids	140	1.00	mg/L		137				2.17	15	

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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.
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.

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.

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.

York Project No. 12H0846

YOUR Information

Company: LBG
Address: 4Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

Rowe Industries.

Purchase Order No.

NABSA6

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
NQ82112: 1100NP2-6	8/24/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2v ZP
NQ82112: 1105NP2-7	1105	GW	↓	2v ZP
NQ82112: 1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540c)	2v 3P

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 8/24/12 1250
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 8/24/12 12:50
Samples Received in LAB by — Date/Time: 8/24/12 1430

Temperature on Receipt 4.6 °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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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.

York Project No. 12H0847

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
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- NY ASP B Package NP2-10 only, pdf.
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Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet ___

Compare to the following Regs. (please fill in):

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-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Supplemental	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Supplemental	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
NQ82112: 1100NP2-6	8/24/12 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
NQ82112: 1105NP2-7	1105	GW	↓	2v 2P
NQ82112: 1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	2v 3P

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time 8/24/12 1200
Samples Received By — Date/Time 8/24/12 12:50
Samples Relinquished By — Date/Time
Samples Received in LAB by — Date/Time 8/24/12-1430

Temperature on Receipt 4.6 °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: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0951

Report Date: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0951

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 August 28, 2012 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
12H0951-01	WQ82712:1000NP2-10	Water	08/27/2012	08/28/2012
12H0952-01	WQ82712:950NP2-6	Water	08/27/2012	08/28/2012
12H0952-02	WQ82712:955NP2-7	Water	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0951

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: 09/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ82712:1000NP2-10 **York Sample ID:** 12H0951-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0951	Rowe Industries	Water	August 27, 2012 10:00 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
120-82-1	1,2,4-Trichlorobenzene	**0.11**	J	ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS

Sample Information

Client Sample ID: WQ82712:1000NP2-10 **York Sample ID:** 12H0951-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0951	Rowe Industries	Water	August 27, 2012 10:00 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
91-20-3	Naphthalene	**0.26**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 01:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Sample Information

Client Sample ID: WQ82712:1000NP2-10 **York Sample ID:** 12H0951-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0951	Rowe Industries	Water	August 27, 2012 10:00 am	08/28/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0852**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 18:18	MW

Iron by EPA 200.7

Log-in Notes: **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	**0.595**		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 18:35	MW

Total Dissolved Solids

Log-in Notes: **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	**104**		mg/L	1.00	1.00	1	SM 2540C	08/30/2012 15:09	08/30/2012 15:09	ALD

Sample Information

Client Sample ID: WQ82712:950NP2-6 **York Sample ID:** 12H0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:50 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
71-55-6	1,1,1-Trichloroethane	**0.81**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-34-3	1,1-Dichloroethane	**0.54**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS

Sample Information

Client Sample ID: WQ82712:950NP2-6 **York Sample ID:** 12H0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:50 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
67-66-3	Chloroform	**0.26**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
91-20-3	Naphthalene	**0.17**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS

Sample Information

Client Sample ID: WQ82712:950NP2-6 **York Sample ID:** 12H0952-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:50 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
127-18-4	Tetrachloroethylene	**0.95**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
79-01-6	Trichloroethylene	**0.13**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 02:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 19:05	MW

Iron by EPA 200.7

Log-in Notes: **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	**0.815**		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 19:10	MW

Sample Information

Client Sample ID: WQ82712:955NP2-7 **York Sample ID:** 12H0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:55 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: WQ82712:955NP2-7 **York Sample ID:** 12H0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:55 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS

Sample Information

Client Sample ID: WQ82712:955NP2-7 **York Sample ID:** 12H0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:55 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/31/2012 15:01	09/01/2012 03:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: WQ82712:955NP2-7 **York Sample ID:** 12H0952-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0952	Rowe Industries	Water	August 27, 2012 9:55 am	08/28/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0344**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/29/2012 16:02	08/29/2012 19:15	MW

Iron by EPA 200.7

Log-in Notes: **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	**0.398**		mg/L	0.0100	0.0100	1	EPA 200.7	08/29/2012 16:02	08/29/2012 19:19	MW

Analytical Batch Summary

Batch ID: BH21268 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/30/12
BH21268-BLK1	Blank	08/30/12
BH21268-DUP1	Duplicate	08/30/12

Batch ID: BH21272 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/29/12
12H0951-01	WQ82712:1000NP2-10	08/29/12
12H0952-01	WQ82712:950NP2-6	08/29/12
12H0952-01	WQ82712:950NP2-6	08/29/12
12H0952-02	WQ82712:955NP2-7	08/29/12
12H0952-02	WQ82712:955NP2-7	08/29/12
BH21272-BLK1	Blank	08/29/12
BH21272-BLK1	Blank	08/29/12
BH21272-DUP1	Duplicate	08/29/12
BH21272-DUP1	Duplicate	08/29/12
BH21272-MS1	Matrix Spike	08/29/12
BH21272-MS1	Matrix Spike	08/29/12
BH21272-SRM1	Reference	08/29/12
BH21272-SRM1	Reference	08/29/12

Batch ID: BH21383 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0951-01	WQ82712:1000NP2-10	08/31/12
12H0952-01	WQ82712:950NP2-6	08/31/12
12H0952-02	WQ82712:955NP2-7	08/31/12
BH21383-BLK1	Blank	08/31/12
BH21383-BS1	LCS	08/31/12
BH21383-BSD1	LCS Dup	08/31/12

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

York Analytical Laboratories, Inc.

Batch BH21383 - EPA 5030B

Blank (BH21383-BLK1) Prepared: 08/31/2012 Analyzed: 09/01/2012

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	0.55	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	2.2	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	ND	2.0	"								
Naphthalene	1.9	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	"								

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 BH21383 - EPA 5030B											
Blank (BH21383-BLK1)									Prepared: 08/31/2012 Analyzed: 09/01/2012		
Styrene	ND	0.50	ug/L								
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	*11.1*		*"*	*10.0*		*111*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.03*		*"*	*10.0*		*90.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BH21383-BS1)									Prepared: 08/31/2012 Analyzed: 09/01/2012		
1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	9.67		"	10.0		96.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129				
1,1,2-Trichloroethane	9.76		"	10.0		97.6	74.5-129				
1,1-Dichloroethane	12.6		"	10.0		126	79.6-132				
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146				
1,1-Dichloropropylene	9.63		"	10.0		96.3	75-136				
1,2,3-Trichlorobenzene	9.23		"	10.0		92.3	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	8.85		"	10.0		88.5	70.6-136				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	75.3-135				
1,2-Dibromo-3-chloropropane	12.1		"	10.0		121	58.9-140				
1,2-Dibromoethane	9.97		"	10.0		99.7	79-130				
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122				
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	9.79		"	10.0		97.9	70.6-127				
1,3-Dichlorobenzene	9.47		"	10.0		94.7	77-124				
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126				
1,4-Dichlorobenzene	9.59		"	10.0		95.9	76.6-125				
2,2-Dichloropropane	8.64		"	10.0		86.4	69-133				
2-Chlorotoluene	9.25		"	10.0		92.5	66.3-119				
2-Hexanone	9.67		"	10.0		96.7	70-130				
4-Chlorotoluene	9.69		"	10.0		96.9	69.2-127				
Acetone	11.5		"	10.0		115	70-130				
Benzene	9.70		"	10.0		97.0	76.2-129				
Bromobenzene	9.87		"	10.0		98.7	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	9.77		"	10.0		97.7	70.5-141				
Bromomethane	9.32		"	10.0		93.2	43.9-147				
Carbon tetrachloride	10.2		"	10.0		102	78.1-138				
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	8.38		"	10.0		83.8	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	5.74		"	10.0		57.4	48.8-115				
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128				
cis-1,3-Dichloropropylene	9.64		"	10.0		96.4	74.5-128				

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 BH21383 - EPA 5030B											
LCS (BH21383-BS1)								Prepared: 08/31/2012 Analyzed: 09/01/2012			
Dibromochloromethane	10.4		ug/L	10.0		104	79.8-134				
Dibromomethane	9.86		"	10.0		98.6	79-130				
Dichlorodifluoromethane	3.76		"	10.0		37.6	47.1-101	Low Bias			
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	8.95		"	10.0		89.5	64.8-128				
Isopropylbenzene	10.5		"	10.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140				
Methylene chloride	8.72		"	10.0		87.2	61.3-120				
Naphthalene	10.1		"	10.0		101	62.3-148				
n-Butylbenzene	10.0		"	10.0		100	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	9.97		"	10.0		99.7	75.9-122				
p- & m- Xylenes	20.7		"	20.0		103	77.7-127				
p-Isopropyltoluene	9.81		"	10.0		98.1	75.6-129				
sec-Butylbenzene	9.82		"	10.0		98.2	71.5-125				
Styrene	8.90		"	10.0		89.0	77.8-123				
tert-Butylbenzene	11.6		"	10.0		116	75.9-151				
Tetrachloroethylene	9.15		"	10.0		91.5	63.6-167				
Toluene	9.82		"	10.0		98.2	77-123				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139				
trans-1,3-Dichloropropylene	9.46		"	10.0		94.6	72.5-137				
Trichloroethylene	9.74		"	10.0		97.4	77.9-130				
Trichlorofluoromethane	9.75		"	10.0		97.5	57.4-133				
Vinyl Chloride	6.77		"	10.0		67.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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 BH21383 - EPA 5030B											
LCS Dup (BH21383-BSD1)									Prepared: 08/31/2012 Analyzed: 09/01/2012		
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		14.6	21.1	
1,1,1-Trichloroethane	12.2		"	10.0		122	75.6-137		17.7	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		9.46	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	71.1-129		19.2	21.7	
1,1,2-Trichloroethane	11.2		"	10.0		112	74.5-129		13.5	20.3	
1,1-Dichloroethane	14.6		"	10.0		146	79.6-132	High Bias	14.6	20.6	
1,1-Dichloroethylene	13.0		"	10.0		130	80.2-146		17.2	20	
1,1-Dichloropropylene	11.4		"	10.0		114	75-136		16.4	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136		13.1	21.6	
1,2,3-Trichloropropane	11.4		"	10.0		114	63-131		11.7	23.9	
1,2,4-Trichlorobenzene	9.79		"	10.0		97.9	70.6-136		10.1	21.7	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	75.3-135		11.6	18.8	
1,2-Dibromo-3-chloropropane	15.1		"	10.0		151	58.9-140	High Bias	22.6	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		10.6	23	
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122		9.66	19.8	
1,2-Dichloroethane	12.5		"	10.0		125	74.6-132		19.0	20.2	
1,2-Dichloropropane	11.7		"	10.0		117	76.9-129		12.2	20.7	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70.6-127		10.9	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		7.42	19.2	
1,3-Dichloropropane	11.3		"	10.0		113	75.8-126		9.44	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		8.30	18.6	
2,2-Dichloropropane	9.77		"	10.0		97.7	69-133		12.3	19.8	
2-Chlorotoluene	10.7		"	10.0		107	66.3-119		14.3	21.6	
2-Hexanone	11.0		"	10.0		110	70-130		12.4	30	
4-Chlorotoluene	10.9		"	10.0		109	69.2-127		12.0	19	
Acetone	13.0		"	10.0		130	70-130		12.5	30	
Benzene	11.3		"	10.0		113	76.2-129		14.9	19	
Bromobenzene	11.1		"	10.0		111	71.3-123		11.7	20.3	
Bromochloromethane	11.7		"	10.0		117	70.8-137		12.9	23.9	
Bromodichloromethane	12.1		"	10.0		121	79.7-134		12.2	21	
Bromoform	10.9		"	10.0		109	70.5-141		10.9	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		14.7	28.4	
Carbon tetrachloride	11.8		"	10.0		118	78.1-138		14.0	20.1	
Chlorobenzene	11.0		"	10.0		110	80.4-125		12.4	19.9	
Chloroethane	10.3		"	10.0		103	55.8-140		20.5	23.3	
Chloroform	12.1		"	10.0		121	76.6-133		12.0	20.3	
Chloromethane	7.16		"	10.0		71.6	48.8-115		22.0	24.5	
cis-1,2-Dichloroethylene	11.9		"	10.0		119	75.1-128		17.5	20.5	
cis-1,3-Dichloropropylene	11.3		"	10.0		113	74.5-128		16.1	19.9	
Dibromochloromethane	11.6		"	10.0		116	79.8-134		10.7	21.3	
Dibromomethane	11.3		"	10.0		113	79-130		13.6	22.4	
Dichlorodifluoromethane	4.26		"	10.0		42.6	47.1-101	Low Bias	12.5	23.9	
Ethyl Benzene	12.0		"	10.0		120	80.8-128		11.6	19.2	
Hexachlorobutadiene	9.86		"	10.0		98.6	64.8-128		9.68	20.6	
Isopropylbenzene	12.0		"	10.0		120	75.5-135		13.4	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140		12.2	23.6	
Methylene chloride	9.83		"	10.0		98.3	61.3-120		12.0	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		12.4	27.1	
n-Butylbenzene	11.0		"	10.0		110	67.2-123		9.78	19.1	
n-Propylbenzene	11.2		"	10.0		112	70.5-127		10.9	23.4	
o-Xylene	11.1		"	10.0		111	75.9-122		10.7	19.3	
p- & m- Xylenes	23.4		"	20.0		117	77.7-127		12.3	18.6	
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129		10.9	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		10.7	18.9	

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 BH21383 - EPA 5030B											
LCS Dup (BH21383-BSD1)									Prepared: 08/31/2012 Analyzed: 09/01/2012		
Styrene	10.5		ug/L	10.0		105	77.8-123		16.5	20.9	
tert-Butylbenzene	13.3		"	10.0		133	75.9-151		13.5	20.9	
Tetrachloroethylene	10.8		"	10.0		108	63.6-167		16.9	27.7	
Toluene	11.1		"	10.0		111	77-123		12.6	18.7	
trans-1,2-Dichloroethylene	12.6		"	10.0		126	76.3-139		17.7	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		11.5	19.3	
Trichloroethylene	11.9		"	10.0		119	77.9-130		20.0	20.5	
Trichlorofluoromethane	11.7		"	10.0		117	57.4-133		17.9	21.4	
Vinyl Chloride	8.26		"	10.0		82.6	54.9-124		19.8	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.78*		*"*	*10.0*		*97.8*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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 BH21272 - EPA 3010A											
Blank (BH21272-BLK1)								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH21272-DUP1)	*Source sample: 12H0951-01 (WQ82712:1000NP2-10)							Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	0.0988	0.0100	mg/L		0.0852				14.8	20	
Matrix Spike (BH21272-MS1)	*Source sample: 12H0951-01 (WQ82712:1000NP2-10)							Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	1.12	0.0100	mg/L	1.00	0.0852	103	75-125				
Reference (BH21272-SRM1)								Prepared & Analyzed: 08/29/2012			
Iron - Dissolved	0.260	0.0100	mg/L	0.274		95.1	86.9-115				

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 BH21272 - EPA 3010A											
Blank (BH21272-BLK1)								Prepared & Analyzed: 08/29/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH21272-DUP1)	*Source sample: 12H0951-01 (WQ82712:1000NP2-10)							Prepared & Analyzed: 08/29/2012			
Iron	0.584	0.0100	mg/L		0.595				1.87	20	
Matrix Spike (BH21272-MS1)	*Source sample: 12H0951-01 (WQ82712:1000NP2-10)							Prepared & Analyzed: 08/29/2012			
Iron	1.62	0.0100	mg/L	1.00	0.595	102	75-125				
Reference (BH21272-SRM1)								Prepared & Analyzed: 08/29/2012			
Iron	0.260	0.0100	mg/L	0.274		95.1	86.9-115				

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 BH21268 - % Solids Prep											
Blank (BH21268-BLK1)								Prepared & Analyzed: 08/30/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BH21268-DUP1)	*Source sample: 12H0951-01 (WQ82712:1000NP2-10)							Prepared & Analyzed: 08/30/2012			
Total Dissolved Solids	104	1.00	mg/L		104				0.00	15	

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.
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.

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.

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.

York Project No. 12H0951

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
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: ↓		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	HABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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]

Name (printed): STEPHEN HNAT

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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison Excel Spreadsheet
- Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ82712:950NP2-6	8/27/12 950	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ82712:955NP2-7	↓ 955	GW	↓	2V 2P
WQ82712:1000NP2-10	↓ 1000	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

Preservation (Check those Applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/28 1500	[signature]	8/28 1700
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	8/28/12 - 1620

Temperature on Receipt: 4.4 °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.

York Project No. 12H0952

YOUR Information
Company: LBG
Address: 4Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-100nly, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet ___

Compare to the following Regs. (please fill in):

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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No-Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ82712:950NP2-6	8/27/12 950	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2V 2P
WQ82712:955NP2-7	955	GW	↓	2V 2P
WQ82712 1000NP2-10	1000	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) photreon 113 / TOS (SM 2540c)	2V 3P

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 8/28/12 1500
Samples Relinquished By — Date/Time: ___
Samples Received By — Date/Time: 8/28/12 1500
Samples Received in LAB by — Date/Time: 8/28/12-1620

Temperature on Receipt: 4.4 °C

APPENDIX II
AUGUST 2012 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: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

Revision No. 1.0

Report Date: 09/10/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0342

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 August 09, 2012 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
12H0342-03	GWQ080812:1120NPl-2-4	Water	08/08/2012	08/09/2012
12H0342-04	GWQ080812:1125NPl-2-2	Water	08/08/2012	08/09/2012
12H0342-05	GWQ080812:1130NPl-2-6	Water	08/08/2012	08/09/2012
12H0342-06	GWQ080812:1135NPl-2-7	Water	08/08/2012	08/09/2012

General Notes for York Project (SDG) No.: 12H0342

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:** 09/10/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ080812:1120NPl-2-4 **York Sample ID:** 12H0342-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
71-55-6	1,1,1-Trichloroethane	**2.6**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-34-3	1,1-Dichloroethane	**1.6**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-35-4	1,1-Dichloroethylene	**0.14**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-63-6	1,2,4-Trimethylbenzene	**0.70**		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-67-8	1,3,5-Trimethylbenzene	**0.14**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
71-43-2	Benzene	**0.62**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS

Sample Information

Client Sample ID: GWQ080812:1120NPl-2-4 **York Sample ID:** 12H0342-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
100-41-4	Ethyl Benzene	**0.32**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
91-20-3	Naphthalene	**0.75**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
103-65-1	n-Propylbenzene	**0.12**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
95-47-6	o-Xylene	**0.16**	J	ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1330-20-7P/M	p- & m- Xylenes	**0.75**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
127-18-4	Tetrachloroethylene	**0.90**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
108-88-3	Toluene	**1.2**		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS
1330-20-7	Xylenes, Total	**0.91**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 18:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ080812:1125NPl-2-2 **York Sample ID:** 12H0342-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
71-55-6	1,1,1-Trichloroethane	**0.23**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-63-6	1,2,4-Trimethylbenzene	**0.33**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
71-43-2	Benzene	**0.17**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS

Sample Information

Client Sample ID: GWQ080812:1125NPl-2-2 **York Sample ID:** 12H0342-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
100-41-4	Ethyl Benzene	**0.14**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
91-20-3	Naphthalene	**0.26**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1330-20-7P/M	p- & m- Xylenes	**0.34**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
127-18-4	Tetrachloroethylene	**0.53**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
108-88-3	Toluene	**0.56**		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
79-01-6	Trichloroethylene	**0.21**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS
1330-20-7	Xylenes, Total	**0.34**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 18:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ080812:1130NPl-2-6 **York Sample ID:** 12H0342-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
71-55-6	1,1,1-Trichloroethane	**1.6**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-34-3	1,1-Dichloroethane	**0.57**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-35-4	1,1-Dichloroethylene	**0.12**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-63-6	1,2,4-Trimethylbenzene	**0.33**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
71-43-2	Benzene	**0.26**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS

Sample Information

Client Sample ID: GWQ080812:1130NPl-2-6 **York Sample ID:** 12H0342-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
67-66-3	Chloroform	**0.33**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
100-41-4	Ethyl Benzene	**0.13**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
91-20-3	Naphthalene	**0.39**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1330-20-7P/M	p- & m- Xylenes	**0.31**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
127-18-4	Tetrachloroethylene	**2.6**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
108-88-3	Toluene	**0.59**		ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS
1330-20-7	Xylenes, Total	**0.31**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 14:39	08/10/2012 19:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ080812:1135NPl-2-7 **York Sample ID:** 12H0342-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-63-6	1,2,4-Trimethylbenzene	**0.17**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
67-64-1	Acetone	**1.1**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
71-43-2	Benzene	**0.11**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS

Sample Information

Client Sample ID: GWQ080812:1135NPl-2-7 **York Sample ID:** 12H0342-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0342	Rowe Industries	Water	August 8, 2012 12:00 pm	08/09/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
91-20-3	Naphthalene	**0.11**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1330-20-7P/M	p- & m- Xylenes	**0.15**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
108-88-3	Toluene	**0.37**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS
1330-20-7	Xylenes, Total	**0.15**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/10/2012 15:01	08/10/2012 19:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.9 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BH20451 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-03	GWQ080812:1120NPl-2-4	08/10/12
12H0342-05	GWQ080812:1130NPl-2-6	08/10/12
BH20451-BLK1	Blank	08/10/12
BH20451-BS1	LCS	08/10/12
BH20451-BSD1	LCS Dup	08/10/12

Batch ID: BH20452 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0342-04	GWQ080812:1125NPl-2-2	08/10/12
12H0342-06	GWQ080812:1135NPl-2-7	08/10/12
BH20452-BLK1	Blank	08/10/12
BH20452-BS1	LCS	08/10/12
BH20452-BSD1	LCS Dup	08/10/12

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 BH20451 - EPA 5030B											
Blank (BH20451-BLK1)											Prepared & Analyzed: 08/10/2012
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	0.63	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	ND	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	0.60	2.0	"								
Naphthalene	1.6	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	"								
sec-Butylbenzene	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 BH20451 - EPA 5030B											
Blank (BH20451-BLK1)									Prepared & Analyzed: 08/10/2012		
Styrene	ND	0.50	ug/L								
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	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.69*		*"*	*10.0*		*96.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81.2-127*				
LCS (BH20451-BS1)									Prepared & Analyzed: 08/10/2012		
1,1,1,2-Tetrachloroethane	8.60		ug/L	10.0		86.0	82.3-130				
1,1,1-Trichloroethane	9.09		"	10.0		90.9	75.6-137				
1,1,2,2-Tetrachloroethane	7.83		"	10.0		78.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	71.1-129				
1,1,2-Trichloroethane	8.02		"	10.0		80.2	74.5-129				
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	9.10		"	10.0		91.0	75-136				
1,2,3-Trichlorobenzene	8.28		"	10.0		82.8	66.1-136				
1,2,3-Trichloropropane	7.37		"	10.0		73.7	63-131				
1,2,4-Trichlorobenzene	7.66		"	10.0		76.6	70.6-136				
1,2,4-Trimethylbenzene	8.21		"	10.0		82.1	75.3-135				
1,2-Dibromo-3-chloropropane	7.15		"	10.0		71.5	58.9-140				
1,2-Dibromoethane	8.03		"	10.0		80.3	79-130				
1,2-Dichlorobenzene	7.87		"	10.0		78.7	76.1-122				
1,2-Dichloroethane	8.79		"	10.0		87.9	74.6-132				
1,2-Dichloropropane	8.29		"	10.0		82.9	76.9-129				
1,3,5-Trimethylbenzene	8.02		"	10.0		80.2	70.6-127				
1,3-Dichlorobenzene	7.97		"	10.0		79.7	77-124				
1,3-Dichloropropane	8.18		"	10.0		81.8	75.8-126				
1,4-Dichlorobenzene	7.81		"	10.0		78.1	76.6-125				
2,2-Dichloropropane	7.90		"	10.0		79.0	69-133				
2-Chlorotoluene	7.71		"	10.0		77.1	66.3-119				
2-Hexanone	8.11		"	10.0		81.1	70-130				
4-Chlorotoluene	7.95		"	10.0		79.5	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	8.76		"	10.0		87.6	76.2-129				
Bromobenzene	7.70		"	10.0		77.0	71.3-123				
Bromochloromethane	8.86		"	10.0		88.6	70.8-137				
Bromodichloromethane	8.57		"	10.0		85.7	79.7-134				
Bromoform	7.59		"	10.0		75.9	70.5-141				
Bromomethane	8.45		"	10.0		84.5	43.9-147				
Carbon tetrachloride	10.3		"	10.0		103	78.1-138				
Chlorobenzene	8.22		"	10.0		82.2	80.4-125				
Chloroethane	8.88		"	10.0		88.8	55.8-140				
Chloroform	8.74		"	10.0		87.4	76.6-133				
Chloromethane	8.86		"	10.0		88.6	48.8-115				
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	75.1-128				
cis-1,3-Dichloropropylene	8.66		"	10.0		86.6	74.5-128				

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 BH20451 - EPA 5030B											
LCS (BH20451-BS1)								Prepared & Analyzed: 08/10/2012			
Dibromochloromethane	8.63		ug/L	10.0		86.3	79.8-134				
Dibromomethane	8.73		"	10.0		87.3	79-130				
Dichlorodifluoromethane	6.77		"	10.0		67.7	47.1-101				
Ethyl Benzene	8.41		"	10.0		84.1	80.8-128				
Hexachlorobutadiene	7.80		"	10.0		78.0	64.8-128				
Isopropylbenzene	8.66		"	10.0		86.6	75.5-135				
Methyl tert-butyl ether (MTBE)	6.16		"	10.0		61.6	65.1-140	Low Bias			
Methylene chloride	9.66		"	10.0		96.6	61.3-120				
Naphthalene	8.38		"	10.0		83.8	62.3-148				
n-Butylbenzene	7.95		"	10.0		79.5	67.2-123				
n-Propylbenzene	8.07		"	10.0		80.7	70.5-127				
o-Xylene	7.99		"	10.0		79.9	75.9-122				
p- & m- Xylenes	16.6		"	20.0		83.2	77.7-127				
p-Isopropyltoluene	8.23		"	10.0		82.3	75.6-129				
sec-Butylbenzene	7.96		"	10.0		79.6	71.5-125				
Styrene	8.14		"	10.0		81.4	77.8-123				
tert-Butylbenzene	8.36		"	10.0		83.6	75.9-151				
Tetrachloroethylene	8.49		"	10.0		84.9	63.6-167				
Toluene	8.46		"	10.0		84.6	77-123				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139				
trans-1,3-Dichloropropylene	7.85		"	10.0		78.5	72.5-137				
Trichloroethylene	8.60		"	10.0		86.0	77.9-130				
Trichlorofluoromethane	9.28		"	10.0		92.8	57.4-133				
Vinyl Chloride	8.93		"	10.0		89.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81.2-127*				

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 BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)							Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82.3-130		10.5	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		4.41	19.7	
1,1,2,2-Tetrachloroethane	8.41		"	10.0		84.1	71.3-131		7.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.67		"	10.0		96.7	71.1-129		1.84	21.7	
1,1,2-Trichloroethane	8.85		"	10.0		88.5	74.5-129		9.84	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		5.17	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		1.43	20	
1,1-Dichloropropylene	9.65		"	10.0		96.5	75-136		5.87	19.3	
1,2,3-Trichlorobenzene	9.88		"	10.0		98.8	66.1-136		17.6	21.6	
1,2,3-Trichloropropane	8.87		"	10.0		88.7	63-131		18.5	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		16.5	21.7	
1,2,4-Trimethylbenzene	8.87		"	10.0		88.7	75.3-135		7.73	18.8	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	58.9-140		20.8	27.7	
1,2-Dibromoethane	9.22		"	10.0		92.2	79-130		13.8	23	
1,2-Dichlorobenzene	8.68		"	10.0		86.8	76.1-122		9.79	19.8	
1,2-Dichloroethane	9.66		"	10.0		96.6	74.6-132		9.43	20.2	
1,2-Dichloropropane	9.20		"	10.0		92.0	76.9-129		10.4	20.7	
1,3,5-Trimethylbenzene	8.55		"	10.0		85.5	70.6-127		6.40	18.9	
1,3-Dichlorobenzene	8.56		"	10.0		85.6	77-124		7.14	19.2	
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126		10.2	22.1	
1,4-Dichlorobenzene	8.64		"	10.0		86.4	76.6-125		10.1	18.6	
2,2-Dichloropropane	8.09		"	10.0		80.9	69-133		2.38	19.8	
2-Chlorotoluene	8.07		"	10.0		80.7	66.3-119		4.56	21.6	
2-Hexanone	9.01		"	10.0		90.1	70-130		10.5	30	
4-Chlorotoluene	8.53		"	10.0		85.3	69.2-127		7.04	19	
Acetone	10.8		"	10.0		108	70-130		3.77	30	
Benzene	9.47		"	10.0		94.7	76.2-129		7.79	19	
Bromobenzene	8.31		"	10.0		83.1	71.3-123		7.62	20.3	
Bromochloromethane	9.93		"	10.0		99.3	70.8-137		11.4	23.9	
Bromodichloromethane	9.52		"	10.0		95.2	79.7-134		10.5	21	
Bromoform	8.56		"	10.0		85.6	70.5-141		12.0	21.8	
Bromomethane	9.31		"	10.0		93.1	43.9-147		9.68	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		5.01	20.1	
Chlorobenzene	9.03		"	10.0		90.3	80.4-125		9.39	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		1.70	23.3	
Chloroform	9.53		"	10.0		95.3	76.6-133		8.65	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		4.42	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		4.13	20.5	
cis-1,3-Dichloropropylene	9.66		"	10.0		96.6	74.5-128		10.9	19.9	
Dibromochloromethane	9.49		"	10.0		94.9	79.8-134		9.49	21.3	
Dibromomethane	9.48		"	10.0		94.8	79-130		8.24	22.4	
Dichlorodifluoromethane	6.81		"	10.0		68.1	47.1-101		0.589	23.9	
Ethyl Benzene	9.03		"	10.0		90.3	80.8-128		7.11	19.2	
Hexachlorobutadiene	9.25		"	10.0		92.5	64.8-128		17.0	20.6	
Isopropylbenzene	9.00		"	10.0		90.0	75.5-135		3.85	20	
Methyl tert-butyl ether (MTBE)	6.82		"	10.0		68.2	65.1-140		10.2	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		6.22	20.4	
Naphthalene	9.49		"	10.0		94.9	62.3-148		12.4	27.1	
n-Butylbenzene	8.44		"	10.0		84.4	67.2-123		5.98	19.1	
n-Propylbenzene	8.43		"	10.0		84.3	70.5-127		4.36	23.4	
o-Xylene	8.65		"	10.0		86.5	75.9-122		7.93	19.3	
p- & m- Xylenes	17.9		"	20.0		89.4	77.7-127		7.12	18.6	
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129		5.90	19.1	
sec-Butylbenzene	8.32		"	10.0		83.2	71.5-125		4.42	18.9	

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 BH20451 - EPA 5030B											
LCS Dup (BH20451-BSD1)								Prepared & Analyzed: 08/10/2012			
Styrene	8.96		ug/L	10.0		89.6	77.8-123		9.59	20.9	
tert-Butylbenzene	8.73		"	10.0		87.3	75.9-151		4.33	20.9	
Tetrachloroethylene	8.78		"	10.0		87.8	63.6-167		3.36	27.7	
Toluene	8.87		"	10.0		88.7	77-123		4.73	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		0.0977	19.5	
trans-1,3-Dichloropropylene	9.10		"	10.0		91.0	72.5-137		14.7	19.3	
Trichloroethylene	9.20		"	10.0		92.0	77.9-130		6.74	20.5	
Trichlorofluoromethane	9.05		"	10.0		90.5	57.4-133		2.51	21.4	
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		0.892	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81.2-127*				
Batch BH20452 - EPA 5030B											
Blank (BH20452-BLK1)								Prepared & Analyzed: 08/10/2012			
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	1.1	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	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	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 BH20452 - EPA 5030B											
Blank (BH20452-BLK1)									Prepared & Analyzed: 08/10/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
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	0.63	2.0	"								
Naphthalene	ND	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	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81.2-127*				

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 BH20452 - EPA 5030B											
LCS (BH20452-BS1)								Prepared & Analyzed: 08/10/2012			
1,1,1,2-Tetrachloroethane	9.13		ug/L	10.0		91.3	82.3-130				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	75.6-137				
1,1,2,2-Tetrachloroethane	8.25		"	10.0		82.5	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	8.61		"	10.0		86.1	74.5-129				
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132				
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146				
1,1-Dichloropropylene	9.53		"	10.0		95.3	75-136				
1,2,3-Trichlorobenzene	9.02		"	10.0		90.2	66.1-136				
1,2,3-Trichloropropane	7.79		"	10.0		77.9	63-131				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2	70.6-136				
1,2,4-Trimethylbenzene	8.70		"	10.0		87.0	75.3-135				
1,2-Dibromo-3-chloropropane	7.98		"	10.0		79.8	58.9-140				
1,2-Dibromoethane	8.95		"	10.0		89.5	79-130				
1,2-Dichlorobenzene	8.37		"	10.0		83.7	76.1-122				
1,2-Dichloroethane	9.82		"	10.0		98.2	74.6-132				
1,2-Dichloropropane	9.07		"	10.0		90.7	76.9-129				
1,3,5-Trimethylbenzene	8.67		"	10.0		86.7	70.6-127				
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124				
1,3-Dichloropropane	8.46		"	10.0		84.6	75.8-126				
1,4-Dichlorobenzene	8.40		"	10.0		84.0	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	8.23		"	10.0		82.3	66.3-119				
2-Hexanone	9.09		"	10.0		90.9	70-130				
4-Chlorotoluene	8.74		"	10.0		87.4	69.2-127				
Acetone	8.68		"	10.0		86.8	70-130				
Benzene	9.49		"	10.0		94.9	76.2-129				
Bromobenzene	8.29		"	10.0		82.9	71.3-123				
Bromochloromethane	9.62		"	10.0		96.2	70.8-137				
Bromodichloromethane	9.11		"	10.0		91.1	79.7-134				
Bromoform	8.18		"	10.0		81.8	70.5-141				
Bromomethane	8.86		"	10.0		88.6	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	8.77		"	10.0		87.7	80.4-125				
Chloroethane	9.23		"	10.0		92.3	55.8-140				
Chloroform	9.50		"	10.0		95.0	76.6-133				
Chloromethane	8.59		"	10.0		85.9	48.8-115				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	75.1-128				
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	74.5-128				
Dibromochloromethane	8.78		"	10.0		87.8	79.8-134				
Dibromomethane	9.26		"	10.0		92.6	79-130				
Dichlorodifluoromethane	7.11		"	10.0		71.1	47.1-101				
Ethyl Benzene	9.05		"	10.0		90.5	80.8-128				
Hexachlorobutadiene	9.13		"	10.0		91.3	64.8-128				
Isopropylbenzene	9.25		"	10.0		92.5	75.5-135				
Methyl tert-butyl ether (MTBE)	4.83		"	10.0		48.3	65.1-140	Low Bias			
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	7.90		"	10.0		79.0	62.3-148				
n-Butylbenzene	8.96		"	10.0		89.6	67.2-123				
n-Propylbenzene	8.68		"	10.0		86.8	70.5-127				
o-Xylene	8.55		"	10.0		85.5	75.9-122				
p- & m- Xylenes	17.5		"	20.0		87.3	77.7-127				
p-Isopropyltoluene	9.54		"	10.0		95.4	75.6-129				
sec-Butylbenzene	8.66		"	10.0		86.6	71.5-125				

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 BH20452 - EPA 5030B											
LCS (BH20452-BS1)							Prepared & Analyzed: 08/10/2012				
Styrene	8.52		ug/L	10.0		85.2	77.8-123				
tert-Butylbenzene	9.31		"	10.0		93.1	75.9-151				
Tetrachloroethylene	8.87		"	10.0		88.7	63.6-167				
Toluene	8.89		"	10.0		88.9	77-123				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	72.5-137				
Trichloroethylene	8.91		"	10.0		89.1	77.9-130				
Trichlorofluoromethane	9.18		"	10.0		91.8	57.4-133				
Vinyl Chloride	8.61		"	10.0		86.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81.2-127*				
LCS Dup (BH20452-BSD1)							Prepared & Analyzed: 08/10/2012				
1,1,1,2-Tetrachloroethane	9.24		ug/L	10.0		92.4	82.3-130		1.20	21.1	
1,1,1-Trichloroethane	9.49		"	10.0		94.9	75.6-137		2.60	19.7	
1,1,2,2-Tetrachloroethane	8.42		"	10.0		84.2	71.3-131		2.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	71.1-129		3.02	21.7	
1,1,2-Trichloroethane	8.57		"	10.0		85.7	74.5-129		0.466	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		1.36	20.6	
1,1-Dichloroethylene	11.4		"	10.0		114	80.2-146		1.75	20	
1,1-Dichloropropylene	9.43		"	10.0		94.3	75-136		1.05	19.3	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136		6.54	21.6	
1,2,3-Trichloropropane	8.01		"	10.0		80.1	63-131		2.78	23.9	
1,2,4-Trichlorobenzene	8.96		"	10.0		89.6	70.6-136		1.77	21.7	
1,2,4-Trimethylbenzene	8.49		"	10.0		84.9	75.3-135		2.44	18.8	
1,2-Dibromo-3-chloropropane	8.63		"	10.0		86.3	58.9-140		7.83	27.7	
1,2-Dibromoethane	8.88		"	10.0		88.8	79-130		0.785	23	
1,2-Dichlorobenzene	8.43		"	10.0		84.3	76.1-122		0.714	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		2.81	20.2	
1,2-Dichloropropane	8.89		"	10.0		88.9	76.9-129		2.00	20.7	
1,3,5-Trimethylbenzene	8.29		"	10.0		82.9	70.6-127		4.48	18.9	
1,3-Dichlorobenzene	8.30		"	10.0		83.0	77-124		0.361	19.2	
1,3-Dichloropropane	8.98		"	10.0		89.8	75.8-126		5.96	22.1	
1,4-Dichlorobenzene	8.30		"	10.0		83.0	76.6-125		1.20	18.6	
2,2-Dichloropropane	10.7		"	10.0		107	69-133		0.0933	19.8	
2-Chlorotoluene	7.99		"	10.0		79.9	66.3-119		2.96	21.6	
2-Hexanone	8.74		"	10.0		87.4	70-130		3.93	30	
4-Chlorotoluene	8.22		"	10.0		82.2	69.2-127		6.13	19	
Acetone	8.33		"	10.0		83.3	70-130		4.12	30	
Benzene	9.58		"	10.0		95.8	76.2-129		0.944	19	
Bromobenzene	8.38		"	10.0		83.8	71.3-123		1.08	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.67	23.9	
Bromodichloromethane	9.23		"	10.0		92.3	79.7-134		1.31	21	
Bromoform	8.52		"	10.0		85.2	70.5-141		4.07	21.8	
Bromomethane	9.68		"	10.0		96.8	43.9-147		8.85	28.4	
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		5.26	20.1	
Chlorobenzene	8.67		"	10.0		86.7	80.4-125		1.15	19.9	
Chloroethane	9.04		"	10.0		90.4	55.8-140		2.08	23.3	
Chloroform	9.70		"	10.0		97.0	76.6-133		2.08	20.3	
Chloromethane	8.64		"	10.0		86.4	48.8-115		0.580	24.5	
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	75.1-128		3.93	20.5	
cis-1,3-Dichloropropylene	9.55		"	10.0		95.5	74.5-128		2.12	19.9	
Dibromochloromethane	9.40		"	10.0		94.0	79.8-134		6.82	21.3	

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 BH20452 - EPA 5030B											
LCS Dup (BH20452-BSD1)							Prepared & Analyzed: 08/10/2012				
Dibromomethane	9.59		ug/L	10.0		95.9	79-130		3.50	22.4	
Dichlorodifluoromethane	6.80		"	10.0		68.0	47.1-101		4.46	23.9	
Ethyl Benzene	8.63		"	10.0		86.3	80.8-128		4.75	19.2	
Hexachlorobutadiene	8.33		"	10.0		83.3	64.8-128		9.16	20.6	
Isopropylbenzene	8.80		"	10.0		88.0	75.5-135		4.99	20	
Methyl tert-butyl ether (MTBE)	6.54		"	10.0		65.4	65.1-140		30.1	23.6	Non-dir.
Methylene chloride	10.3		"	10.0		103	61.3-120		1.36	20.4	
Naphthalene	8.22		"	10.0		82.2	62.3-148		3.97	27.1	
n-Butylbenzene	8.68		"	10.0		86.8	67.2-123		3.17	19.1	
n-Propylbenzene	8.36		"	10.0		83.6	70.5-127		3.76	23.4	
o-Xylene	8.26		"	10.0		82.6	75.9-122		3.45	19.3	
p- & m- Xylenes	17.1		"	20.0		85.6	77.7-127		1.97	18.6	
p-Isopropyltoluene	9.16		"	10.0		91.6	75.6-129		4.06	19.1	
sec-Butylbenzene	8.20		"	10.0		82.0	71.5-125		5.46	18.9	
Styrene	8.57		"	10.0		85.7	77.8-123		0.585	20.9	
tert-Butylbenzene	8.90		"	10.0		89.0	75.9-151		4.50	20.9	
Tetrachloroethylene	8.47		"	10.0		84.7	63.6-167		4.61	27.7	
Toluene	8.69		"	10.0		86.9	77-123		2.28	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		0.193	19.5	
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5	72.5-137		2.12	19.3	
Trichloroethylene	8.63		"	10.0		86.3	77.9-130		3.19	20.5	
Trichlorofluoromethane	9.10		"	10.0		91.0	57.4-133		0.875	21.4	
Vinyl Chloride	8.35		"	10.0		83.5	54.9-124		3.07	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.

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.

Revision Description: On 09/10/12 the client submitted a revised COC with modified sample IDs and reporting instructions.

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.

York Project No. 12H0344

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tonde Sandor
E-Mail Address: TSandor@LBGFCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard (5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package #2-10 only, pdf.
NJDEP Red. Deliv. ___
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet ___
Compare to the following Regs. (please fill in):

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)

Evan Foster
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA 8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP 13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Standard	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	NYCERP	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYSDEC	TOC
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	TAGM	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium		Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
~~Rowe~~WQ080812:1100NP2-6	8/8/12	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2 voa, 1 plastic, 1 HNO3
" :1105NP2-7		GW		"
" :1110NP2-10		GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540c)	2 voa, 1 plastic, 1 HNO3
~~Rowe~~GWD080812:1120NP1-2-4		GW	VOC's 8260 List (EPA SW846-8260B) + Freon 113	voa vials x 2
" :1125NP1-2-2		GW		
" :1130NP1-2-6		GW		
" :1135NP1-2-7		GW		

Should be on one rept

should be reported in a separate report.

Comments Please make changes indicated in red.

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By: 8-9-12 1040 Date/Time
Samples Relinquished By: Date/Time
Samples Received By: Date/Time 8-9-12 1040
Samples Received in LAB by: Date/Time

Temperature on Receipt 5.2°C

(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: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0848

Revision No. 1.0

Report Date: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0848

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 August 24, 2012 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
12H0848-01	GWQ082112:1134FRW-1	Water	08/21/2012	08/24/2012
12H0848-02	GWQ082112:1215FRW-2	Water	08/21/2012	08/24/2012
12H0848-03	GWQ082112:1338FRW-3	Water	08/21/2012	08/24/2012
12H0848-04	GWQ082112:1421FRW-4	Water	08/21/2012	08/24/2012
12H0848-05	GWQ082112:1255MW-98-05A	Water	08/21/2012	08/24/2012

General Notes for York Project (SDG) No.: 12H0848

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:** 09/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ082112:1134FRW-1 **York Sample ID:** 12H0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
71-55-6	1,1,1-Trichloroethane	**3.1**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-34-3	1,1-Dichloroethane	**1.0**		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-35-4	1,1-Dichloroethylene	**0.30**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS

Sample Information

Client Sample ID: GWQ082112:1134FRW-1 **York Sample ID:** 12H0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	**150**		ug/L	0.34	2.5	5	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 19:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
91-20-3	Naphthalene	**1.2**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
127-18-4	Tetrachloroethylene	**48**		ug/L	0.35	2.5	5	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 19:28	SS
108-88-3	Toluene	**0.15**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	**0.29**	J	ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
79-01-6	Trichloroethylene	**15**		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
75-01-4	Vinyl Chloride	**1.7**		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ082112:1134FRW-1 **York Sample ID:** 12H0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0245**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 18:28	MW

Iron by EPA 200.7

Log-in Notes: **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	**38.8**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:58	MW

Manganese by EPA 200.7

Log-in Notes: **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
7439-96-5	Manganese	**0.192**		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 18:58	MW

Nitrate (as N)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	**0.206**	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:16	08/24/2012 17:16	AD

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	**69.3**		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:16	08/24/2012 17:16	AD

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**34**		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**8.94**		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1215FRW-2 **York Sample ID:** 12H0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: GWQ082112:1215FRW-2 **York Sample ID:** 12H0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
71-55-6	1,1,1-Trichloroethane	**0.37**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-34-3	1,1-Dichloroethane	**0.13**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
67-64-1	Acetone	**1.0**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
71-43-2	Benzene	**0.23**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS

Sample Information

Client Sample ID: GWQ082112:1215FRW-2 **York Sample ID:** 12H0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
67-66-3	Chloroform	**0.54**		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
156-59-2	cis-1,2-Dichloroethylene	**87**		ug/L	0.69	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 20:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
100-41-4	Ethyl Benzene	**0.17**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
91-20-3	Naphthalene	**0.73**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
127-18-4	Tetrachloroethylene	**40**		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 20:15	SS
108-88-3	Toluene	**0.12**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
156-60-5	trans-1,2-Dichloroethylene	**0.24**	J	ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
79-01-6	Trichloroethylene	**8.5**		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
75-01-4	Vinyl Chloride	**0.57**		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 14:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ082112:1215FRW-2 **York Sample ID:** 12H0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:15	MW

Iron by EPA 200.7

Log-in Notes: **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	**26.3**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:20	MW

Manganese by EPA 200.7

Log-in Notes: **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
7439-96-5	Manganese	**0.188**		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:20	MW

Nitrate (as N)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:33	08/24/2012 17:33	AD

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	**3.55**		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:33	08/24/2012 17:33	AD

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**14**		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**4.90**		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1338FRW-3 **York Sample ID:** 12H0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: GWQ082112:1338FRW-3 **York Sample ID:** 12H0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
71-55-6	1,1,1-Trichloroethane	**0.39**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-34-3	1,1-Dichloroethane	**0.20**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS

Sample Information

Client Sample ID: GWQ082112:1338FRW-3 **York Sample ID:** 12H0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
156-59-2	cis-1,2-Dichloroethylene	**41**		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
98-82-8	Isopropylbenzene	**0.70**		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
91-20-3	Naphthalene	**0.53**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
103-65-1	n-Propylbenzene	**0.46**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
127-18-4	Tetrachloroethylene	**32**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
108-88-3	Toluene	**0.12**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
79-01-6	Trichloroethylene	**8.2**		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
75-01-4	Vinyl Chloride	**1.0**		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 15:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ082112:1338FRW-3 **York Sample ID:** 12H0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:25	MW

Iron by EPA 200.7

Log-in Notes: **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	**27.9**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:29	MW

Manganese by EPA 200.7

Log-in Notes: **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
7439-96-5	Manganese	**0.114**		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:29	MW

Nitrate (as N)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 17:49	08/24/2012 17:49	AD

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	**9.30**		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 17:49	08/24/2012 17:49	AD

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**24**		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**5.06**		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1421FRW-4 **York Sample ID:** 12H0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: GWQ082112:1421FRW-4 **York Sample ID:** 12H0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	**0.21**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS

Sample Information

Client Sample ID: GWQ082112:1421FRW-4 **York Sample ID:** 12H0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	**19**		ug/L	0.069	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
91-20-3	Naphthalene	**0.34**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
127-18-4	Tetrachloroethylene	**14**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
79-01-6	Trichloroethylene	**0.86**		ug/L	0.071	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 16:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ082112:1421FRW-4 **York Sample ID:** 12H0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:34	MW

Iron by EPA 200.7

Log-in Notes: **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	**7.24**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:39	MW

Manganese by EPA 200.7

Log-in Notes: **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
7439-96-5	Manganese	**0.0639**		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 19:39	MW

Nitrate (as N)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 18:05	08/24/2012 18:05	AD

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	**2.56**		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 18:05	08/24/2012 18:05	AD

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**32**		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**10.5**		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A **York Sample ID:** 12H0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.24	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.74	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.1	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
87-61-6	1,2,3-Trichlorobenzene	**2.4**	J, B	ug/L	1.2	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.7	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
120-82-1	1,2,4-Trichlorobenzene	**1.7**	J, B	ug/L	1.1	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.6	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	1.5	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.51	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.59	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.48	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.96	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.84	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
591-78-6	2-Hexanone	ND		ug/L	2.4	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.72	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
67-64-1	Acetone	**1.0**	B-Dil, J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
71-43-2	Benzene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.81	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-97-5	Bromochloromethane	ND		ug/L	1.0	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.54	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-25-2	Bromoform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.63	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A

York Sample ID: 12H0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.90	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
67-66-3	Chloroform	ND		ug/L	0.79	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-87-3	Chloromethane	ND		ug/L	0.76	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.69	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.53	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
74-95-3	Dibromomethane	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.92	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.57	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	1.2	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.56	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	4.8	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-09-2	Methylene chloride	**0.30**	B-Dil, J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
91-20-3	Naphthalene	**29**	B	ug/L	0.90	20	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
104-51-8	n-Butylbenzene	**1.0**	J, B	ug/L	0.83	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.68	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
95-47-6	o-Xylene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.90	10	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.44	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
100-42-5	Styrene	ND		ug/L	0.43	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.50	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.70	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
108-88-3	Toluene	**390**		ug/L	0.42	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.85	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.60	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.71	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.94	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.62	5.0	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	1.2	15	10	EPA SW846-8260B	08/27/2012 08:08	08/27/2012 13:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ082112:1255MW-98-05A **York Sample ID:** 12H0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0848	Rowe Industries	Water	August 21, 2012 3:00 pm	08/24/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **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	**0.0766**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/27/2012 15:58	08/27/2012 19:56	MW

Iron by EPA 200.7

Log-in Notes: **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	**50.6**		mg/L	0.0100	0.0100	1	EPA 200.7	08/27/2012 15:58	08/27/2012 20:01	MW

Manganese by EPA 200.7

Log-in Notes: **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
7439-96-5	Manganese	**0.658**		mg/L	0.00200	0.00500	1	EPA 200.7	08/27/2012 15:58	08/27/2012 20:01	MW

Nitrate (as N)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	**0.745**	HT-02	mg/L	0.0120	0.0500	1	EPA 300	08/24/2012 18:21	08/24/2012 18:21	AD

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	0.0860	1.00	1	EPA Method 300.0	08/24/2012 18:21	08/24/2012 18:21	AD

Chemical Oxygen Demand (COD)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	**63**		mg/L	10	10	1	SM 5220 B	08/27/2012 17:08	08/27/2012 17:08	AA

Total Organic Carbon

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	**7.63**		mg/L	1.00	1.00	1	SM 5310C	08/28/2012 09:43	08/29/2012 12:58	AMC

Analytical Batch Summary

Batch ID: BH21093 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21093-BLK1	Blank	08/27/12
BH21093-BS1	LCS	08/27/12
BH21093-DUP1	Duplicate	08/27/12
BH21093-MS1	Matrix Spike	08/27/12

Batch ID: BH21105 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21105-BLK1	Blank	08/27/12
BH21105-BS1	LCS	08/27/12
BH21105-BSD1	LCS Dup	08/27/12

Batch ID: BH21130 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-01	GWQ082112:1134FRW-1	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-02	GWQ082112:1215FRW-2	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-03	GWQ082112:1338FRW-3	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-04	GWQ082112:1421FRW-4	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
12H0848-05	GWQ082112:1255MW-98-05A	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-BLK1	Blank	08/27/12
BH21130-DUP1	Duplicate	08/27/12
BH21130-DUP1	Duplicate	08/27/12
BH21130-MS1	Matrix Spike	08/27/12
BH21130-MS1	Matrix Spike	08/27/12
BH21130-SRM1	Reference	08/27/12
BH21130-SRM1	Reference	08/27/12

Batch ID: BH21135 **Preparation Method:** EPA 300 **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date

12H0848-01	GWQ082112:1134FRW-1	08/24/12
12H0848-02	GWQ082112:1215FRW-2	08/24/12
12H0848-03	GWQ082112:1338FRW-3	08/24/12
12H0848-04	GWQ082112:1421FRW-4	08/24/12
12H0848-05	GWQ082112:1255MW-98-05A	08/24/12
BH21135-BLK1	Blank	08/24/12
BH21135-BS1	LCS	08/24/12
BH21135-SRM1	Reference	08/24/12

Batch ID: BH21162 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12H0848-01	GWQ082112:1134FRW-1	08/28/12
12H0848-02	GWQ082112:1215FRW-2	08/28/12
12H0848-03	GWQ082112:1338FRW-3	08/28/12
12H0848-04	GWQ082112:1421FRW-4	08/28/12
12H0848-05	GWQ082112:1255MW-98-05A	08/28/12
BH21162-BLK1	Blank	08/28/12
BH21162-BS1	LCS	08/28/12
BH21162-DUP1	Duplicate	08/28/12
BH21162-MS1	Matrix Spike	08/28/12

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 BH21105 - EPA 5030B											
Blank (BH21105-BLK1)									Prepared & Analyzed: 08/27/2012		
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	1.6	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.92	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	1.7	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.3	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	0.56	2.0	"								
Naphthalene	11	2.0	"								
n-Butylbenzene	0.58	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	"								

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 BH21105 - EPA 5030B											
Blank (BH21105-BLK1)								Prepared & Analyzed: 08/27/2012			
Styrene	ND	0.50	ug/L								
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	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BH21105-BS1)								Prepared & Analyzed: 08/27/2012			
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82.3-130				
1,1,1-Trichloroethane	9.59		"	10.0		95.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.81		"	10.0		88.1	71.1-129				
1,1,2-Trichloroethane	8.94		"	10.0		89.4	74.5-129				
1,1-Dichloroethane	9.64		"	10.0		96.4	79.6-132				
1,1-Dichloroethylene	9.91		"	10.0		99.1	80.2-146				
1,1-Dichloropropylene	6.42		"	10.0		64.2	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	66.1-136				
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131				
1,2,4-Trichlorobenzene	8.49		"	10.0		84.9	70.6-136				
1,2,4-Trimethylbenzene	6.94		"	10.0		69.4	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140				
1,2-Dibromoethane	9.27		"	10.0		92.7	79-130				
1,2-Dichlorobenzene	8.58		"	10.0		85.8	76.1-122				
1,2-Dichloroethane	9.41		"	10.0		94.1	74.6-132				
1,2-Dichloropropane	8.94		"	10.0		89.4	76.9-129				
1,3,5-Trimethylbenzene	7.96		"	10.0		79.6	70.6-127				
1,3-Dichlorobenzene	8.22		"	10.0		82.2	77-124				
1,3-Dichloropropane	9.01		"	10.0		90.1	75.8-126				
1,4-Dichlorobenzene	8.51		"	10.0		85.1	76.6-125				
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	8.67		"	10.0		86.7	69.2-127				
Acetone	11.4		"	10.0		114	70-130				
Benzene	9.26		"	10.0		92.6	76.2-129				
Bromobenzene	8.22		"	10.0		82.2	71.3-123				
Bromochloromethane	9.34		"	10.0		93.4	70.8-137				
Bromodichloromethane	9.62		"	10.0		96.2	79.7-134				
Bromoform	10.4		"	10.0		104	70.5-141				
Bromomethane	7.89		"	10.0		78.9	43.9-147				
Carbon tetrachloride	7.42		"	10.0		74.2	78.1-138	Low Bias			
Chlorobenzene	8.68		"	10.0		86.8	80.4-125				
Chloroethane	8.70		"	10.0		87.0	55.8-140				
Chloroform	9.24		"	10.0		92.4	76.6-133				
Chloromethane	9.02		"	10.0		90.2	48.8-115				
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	75.1-128				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128				

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 BH21105 - EPA 5030B											
LCS (BH21105-BS1)							Prepared & Analyzed: 08/27/2012				
Dibromochloromethane	9.26		ug/L	10.0		92.6	79.8-134				
Dibromomethane	9.58		"	10.0		95.8	79-130				
Dichlorodifluoromethane	9.34		"	10.0		93.4	47.1-101				
Ethyl Benzene	13.9		"	10.0		139	80.8-128	High Bias			
Hexachlorobutadiene	8.11		"	10.0		81.1	64.8-128				
Isopropylbenzene	9.33		"	10.0		93.3	75.5-135				
Methyl tert-butyl ether (MTBE)	8.30		"	10.0		83.0	65.1-140				
Methylene chloride	9.16		"	10.0		91.6	61.3-120				
Naphthalene	14.1		"	10.0		141	62.3-148				
n-Butylbenzene	8.95		"	10.0		89.5	67.2-123				
n-Propylbenzene	8.71		"	10.0		87.1	70.5-127				
o-Xylene	8.56		"	10.0		85.6	75.9-122				
p- & m- Xylenes	17.4		"	20.0		87.2	77.7-127				
p-Isopropyltoluene	8.73		"	10.0		87.3	75.6-129				
sec-Butylbenzene	8.48		"	10.0		84.8	71.5-125				
Styrene	5.91		"	10.0		59.1	77.8-123	Low Bias			
tert-Butylbenzene	9.47		"	10.0		94.7	75.9-151				
Tetrachloroethylene	8.52		"	10.0		85.2	63.6-167				
Toluene	9.11		"	10.0		91.1	77-123				
trans-1,2-Dichloroethylene	9.34		"	10.0		93.4	76.3-139				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	72.5-137				
Trichloroethylene	9.18		"	10.0		91.8	77.9-130				
Trichlorofluoromethane	8.99		"	10.0		89.9	57.4-133				
Vinyl Chloride	9.19		"	10.0		91.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

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 BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)							Prepared & Analyzed: 08/27/2012				
1,1,1,2-Tetrachloroethane	8.90		ug/L	10.0		89.0	82.3-130		1.56	21.1	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	75.6-137		2.96	19.7	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	71.3-131		1.53	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.57		"	10.0		85.7	71.1-129		2.76	21.7	
1,1,2-Trichloroethane	8.54		"	10.0		85.4	74.5-129		4.58	20.3	
1,1-Dichloroethane	9.33		"	10.0		93.3	79.6-132		3.27	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		1.40	20	
1,1-Dichloropropylene	7.96		"	10.0		79.6	75-136		21.4	19.3	Non-dir.
1,2,3-Trichlorobenzene	9.62		"	10.0		96.2	66.1-136		4.46	21.6	
1,2,3-Trichloropropane	8.47		"	10.0		84.7	63-131		4.95	23.9	
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136		3.70	21.7	
1,2,4-Trimethylbenzene	8.41		"	10.0		84.1	75.3-135		19.2	18.8	Non-dir.
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		2.13	27.7	
1,2-Dibromoethane	9.32		"	10.0		93.2	79-130		0.538	23	
1,2-Dichlorobenzene	8.62		"	10.0		86.2	76.1-122		0.465	19.8	
1,2-Dichloroethane	9.34		"	10.0		93.4	74.6-132		0.747	20.2	
1,2-Dichloropropane	8.73		"	10.0		87.3	76.9-129		2.38	20.7	
1,3,5-Trimethylbenzene	8.52		"	10.0		85.2	70.6-127		6.80	18.9	
1,3-Dichlorobenzene	8.33		"	10.0		83.3	77-124		1.33	19.2	
1,3-Dichloropropane	8.90		"	10.0		89.0	75.8-126		1.23	22.1	
1,4-Dichlorobenzene	8.34		"	10.0		83.4	76.6-125		2.02	18.6	
2,2-Dichloropropane	9.08		"	10.0		90.8	69-133		1.96	19.8	
2-Chlorotoluene	8.22		"	10.0		82.2	66.3-119		25.6	21.6	Non-dir.
2-Hexanone	10.4		"	10.0		104	70-130		8.90	30	
4-Chlorotoluene	8.56		"	10.0		85.6	69.2-127		1.28	19	
Acetone	11.4		"	10.0		114	70-130		0.263	30	
Benzene	9.02		"	10.0		90.2	76.2-129		2.63	19	
Bromobenzene	8.39		"	10.0		83.9	71.3-123		2.05	20.3	
Bromochloromethane	9.24		"	10.0		92.4	70.8-137		1.08	23.9	
Bromodichloromethane	9.36		"	10.0		93.6	79.7-134		2.74	21	
Bromoform	9.42		"	10.0		94.2	70.5-141		9.50	21.8	
Bromomethane	8.08		"	10.0		80.8	43.9-147		2.38	28.4	
Carbon tetrachloride	8.64		"	10.0		86.4	78.1-138		15.2	20.1	
Chlorobenzene	8.51		"	10.0		85.1	80.4-125		1.98	19.9	
Chloroethane	8.73		"	10.0		87.3	55.8-140		0.344	23.3	
Chloroform	9.08		"	10.0		90.8	76.6-133		1.75	20.3	
Chloromethane	9.26		"	10.0		92.6	48.8-115		2.63	24.5	
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	75.1-128		5.22	20.5	
cis-1,3-Dichloropropylene	9.60		"	10.0		96.0	74.5-128		7.13	19.9	
Dibromochloromethane	8.86		"	10.0		88.6	79.8-134		4.42	21.3	
Dibromomethane	9.49		"	10.0		94.9	79-130		0.944	22.4	
Dichlorodifluoromethane	9.20		"	10.0		92.0	47.1-101		1.51	23.9	
Ethyl Benzene	9.02		"	10.0		90.2	80.8-128		42.9	19.2	Non-dir.
Hexachlorobutadiene	8.40		"	10.0		84.0	64.8-128		3.51	20.6	
Isopropylbenzene	9.39		"	10.0		93.9	75.5-135		0.641	20	
Methyl tert-butyl ether (MTBE)	8.94		"	10.0		89.4	65.1-140		7.42	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		0.00	20.4	
Naphthalene	14.9		"	10.0		149	62.3-148	High Bias	5.73	27.1	
n-Butylbenzene	9.01		"	10.0		90.1	67.2-123		0.668	19.1	
n-Propylbenzene	8.70		"	10.0		87.0	70.5-127		0.115	23.4	
o-Xylene	8.62		"	10.0		86.2	75.9-122		0.698	19.3	
p- & m- Xylenes	17.5		"	20.0		87.7	77.7-127		0.514	18.6	
p-Isopropyltoluene	8.88		"	10.0		88.8	75.6-129		1.70	19.1	
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125		1.41	18.9	

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 BH21105 - EPA 5030B											
LCS Dup (BH21105-BSD1)							Prepared & Analyzed: 08/27/2012				
Styrene	8.27		ug/L	10.0		82.7	77.8-123		33.3	20.9	Non-dir.
tert-Butylbenzene	9.33		"	10.0		93.3	75.9-151		1.49	20.9	
Tetrachloroethylene	8.16		"	10.0		81.6	63.6-167		4.32	27.7	
Toluene	8.90		"	10.0		89.0	77-123		2.33	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	76.3-139		3.37	19.5	
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	72.5-137		3.53	19.3	
Trichloroethylene	8.91		"	10.0		89.1	77.9-130		2.99	20.5	
Trichlorofluoromethane	8.94		"	10.0		89.4	57.4-133		0.558	21.4	
Vinyl Chloride	8.98		"	10.0		89.8	54.9-124		2.31	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

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 BH21130 - EPA 3010A											
Blank (BH21130-BLK1)								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH21130-DUP1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	0.0238	0.0100	mg/L		0.0245				2.90	20	
Matrix Spike (BH21130-MS1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	1.05	0.0100	mg/L	1.00	0.0245	103	75-125				
Reference (BH21130-SRM1)								Prepared & Analyzed: 08/27/2012			
Iron - Dissolved	0.260	0.0100	mg/L	0.274		94.8	86.9-115				

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 BH21130 - EPA 3010A											
Blank (BH21130-BLK1)								Prepared & Analyzed: 08/27/2012			
Iron	ND	0.0100	mg/L								
Manganese	ND	0.00500	"								
Duplicate (BH21130-DUP1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Iron	39.2	0.0100	mg/L		38.8				1.03	20	
Manganese	0.193	0.00500	"		0.192				0.984	20	
Matrix Spike (BH21130-MS1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Iron	40.1	0.0100	mg/L	1.00	38.8	131	75-125	High Bias			
Manganese	0.727	0.00500	"	0.500	0.192	107	75-125				
Reference (BH21130-SRM1)								Prepared & Analyzed: 08/27/2012			
Iron	0.260	0.0100	mg/L	0.274		94.8	86.9-115				
Manganese	0.901	0.00500	"	0.880		102	89.8-111				

Anions by EPA Method 300.0 - 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 BH21135 - EPA 300											
Blank (BH21135-BLK1)									Prepared & Analyzed: 08/24/2012		
Sulfate	ND	1.00	mg/L								
Nitrate as N	ND	0.0500	"								
LCS (BH21135-BS1)									Prepared & Analyzed: 08/24/2012		
Sulfate	9.82	1.00	mg/L	10.0		98.2	85-115				
Nitrate as N	9.59	0.0500	"	10.0		95.9	90-110				
Reference (BH21135-SRM1)									Prepared & Analyzed: 08/24/2012		
Nitrate as N	12.7		mg/L	12.7		100	90-110				
Sulfate	19.0		"	18.5		103	90-110				

Wet 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 BH21093 - Analysis Preparation											
Blank (BH21093-BLK1)								Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	ND	10	mg/L								
LCS (BH21093-BS1)								Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	93	10	mg/L	100		92.8	79-128				
Duplicate (BH21093-DUP1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	39	10	mg/L		34				13.4	20	
Matrix Spike (BH21093-MS1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared & Analyzed: 08/27/2012			
Chemical Oxygen Demand (COD)	140	10	mg/L	100	34	110	73.3-123				
Batch BH21162 - Analysis Preparation											
Blank (BH21162-BLK1)								Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BH21162-BS1)								Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	47.0		mg/L	45.9		102	79.5-125.1				
Duplicate (BH21162-DUP1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	8.98	1.00	mg/L		8.94				0.480	20	
Matrix Spike (BH21162-MS1)	*Source sample: 12H0848-01 (GWQ082112:1134FRW-1)							Prepared: 08/28/2012 Analyzed: 08/29/2012			
Total Organic Carbon (TOC)	29.9		mg/L	20.0	8.94	105	70-130				

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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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
B-Dil	Detected in method blank(s) associated with the sample analysis. This is a common lab artifact which is found at ND-25 ppb. No dilution factor has been applied to these compounds to eliminate artificially inflated results.
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.

Revision Description: On 09/04/12 the client requested that the client sample ID for 12H0848-05 be modified to GWQ082112:1255MW-98-05A.

YORK
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(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. 12H0848

YOUR Information	**Report To:**	**Invoice To:**
Company: LBG Inc.	Company: Same	Company: Same
Address: 4 Research Dr. Shelton, CT 06484	Address:	Address:
Phone No. 203-929-8555	Phone No.	Phone No.
Contact Person: Linde Sandor	Attention:	Attention:
E-Mail Address: lsandor@lbgct.com	E-Mail Address:	E-Mail Address:

YOUR Project ID: Rowe Industries.

Purchase Order No.: NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time

RUSH - Same Day	☐
RUSH - Next Day	☐
RUSH - Two Day	☐
RUSH - Three Day	☐
RUSH - Four Day	☐
Standard(5-7 Days)	☒

Report Type

Summary Report X, PDF
Summary w/ QA Summary X, PDF
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package X, PDF
NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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)

Evan Foster
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	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ082112:1134FRW-1	8-21-12	GW	VOC 8260, nitrates, sulfates, manganese, COD, TOC, Total and dissolved Fe	240mL voa, 2 250mL plastic, 1 250 mL plastic HNO3, 1 small plastic H2SO4
" :1215FRW-2			"	
" :1338FRW-3			"	
" :1421FRW-4			"	
" :1255MW-95-052			"	

Comments
Lab to filter for diss. Fe *

Preservation Check those Applicable
4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 X NaOH ___
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☑

Samples Relinquished By — Date/Time: 8/24/12 1250
Samples Received By — Date/Time: 8/24/12 12:50
Samples Relinquished By — Date/Time:
Samples Received in LAB by — Date/Time: 8/24/12-1430

Temperature on Receipt 4.6 °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: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0950

Report Date: 09/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0950

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 August 28, 2012 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
12H0950-01	GWQ82712:1026NP1-1-3	Water	08/27/2012	08/28/2012
12H0950-02	GWQ82712:1058NP1-1-5	Water	08/27/2012	08/28/2012
12H0950-03	GWQ82712:1131NP1-1-8	Water	08/27/2012	08/28/2012
12H0950-04	GWQ82712:1159NP1-1-9	Water	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0950

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: 09/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3 **York Sample ID:** 12H0950-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:26 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3 **York Sample ID:** 12H0950-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:26 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
91-20-3	Naphthalene	**0.13**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ82712:1026NP1-1-3 **York Sample ID:** 12H0950-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:26 am	08/28/2012

Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5 **York Sample ID:** 12H0950-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:58 am	08/28/2012

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS

Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5 **York Sample ID:** 12H0950-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:58 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
67-66-3	Chloroform	**0.98**		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS

Sample Information

Client Sample ID: GWQ82712:1058NP1-1-5 **York Sample ID:** 12H0950-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 10:58 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 01:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.9 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8 **York Sample ID:** 12H0950-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:31 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8 **York Sample ID:** 12H0950-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:31 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS

Sample Information

Client Sample ID: GWQ82712:1131NP1-1-8 **York Sample ID:** 12H0950-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:31 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
127-18-4	Tetrachloroethylene	**0.11**	J	ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9 **York Sample ID:** 12H0950-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:59 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9 **York Sample ID:** 12H0950-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:59 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS

Sample Information

Client Sample ID: GWQ82712:1159NP1-1-9 **York Sample ID:** 12H0950-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0950	Rowe Industries	Water	August 27, 2012 11:59 am	08/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/29/2012 15:16	08/30/2012 02:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BH21171 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12H0950-01	GWQ82712:1026NP1-1-3	08/29/12
12H0950-02	GWQ82712:1058NP1-1-5	08/29/12
12H0950-03	GWQ82712:1131NP1-1-8	08/29/12
12H0950-04	GWQ82712:1159NP1-1-9	08/29/12
BH21171-BLK1	Blank	08/28/12
BH21171-BS1	LCS	08/28/12
BH21171-BSD1	LCS Dup	08/28/12
BH21171-MS1	Matrix Spike	08/28/12
BH21171-MSD1	Matrix Spike Dup	08/28/12

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 BH21171 - EPA 5030B											
Blank (BH21171-BLK1)											Prepared: 08/28/2012 Analyzed: 08/29/2012
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	0.61	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	3.3	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	0.35	2.0	"								
Naphthalene	1.4	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	"								

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 BH21171 - EPA 5030B											
Blank (BH21171-BLK1)									Prepared: 08/28/2012 Analyzed: 08/29/2012		
Styrene	ND	0.50	ug/L								
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	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.00*		*"*	*10.0*		*90.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS (BH21171-BS1)									Prepared: 08/28/2012 Analyzed: 08/29/2012		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137				
1,1,2,2-Tetrachloroethane	9.85		"	10.0		98.5	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	71.1-129				
1,1,2-Trichloroethane	10.8		"	10.0		108	74.5-129				
1,1-Dichloroethane	12.2		"	10.0		122	79.6-132				
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146				
1,1-Dichloropropylene	11.1		"	10.0		111	75-136				
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136				
1,2,3-Trichloropropane	9.03		"	10.0		90.3	63-131				
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	70.6-136				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	75.3-135				
1,2-Dibromo-3-chloropropane	12.6		"	10.0		126	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	76.1-122				
1,2-Dichloroethane	11.3		"	10.0		113	74.6-132				
1,2-Dichloropropane	11.0		"	10.0		110	76.9-129				
1,3,5-Trimethylbenzene	9.74		"	10.0		97.4	70.6-127				
1,3-Dichlorobenzene	9.65		"	10.0		96.5	77-124				
1,3-Dichloropropane	11.3		"	10.0		113	75.8-126				
1,4-Dichlorobenzene	9.94		"	10.0		99.4	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119				
2-Hexanone	11.3		"	10.0		113	70-130				
4-Chlorotoluene	9.78		"	10.0		97.8	69.2-127				
Acetone	9.11		"	10.0		91.1	70-130				
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	9.88		"	10.0		98.8	71.3-123				
Bromochloromethane	11.6		"	10.0		116	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	9.72		"	10.0		97.2	70.5-141				
Bromomethane	11.5		"	10.0		115	43.9-147				
Carbon tetrachloride	11.2		"	10.0		112	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	11.2		"	10.0		112	55.8-140				
Chloroform	11.5		"	10.0		115	76.6-133				
Chloromethane	10.6		"	10.0		106	48.8-115				
cis-1,2-Dichloroethylene	11.4		"	10.0		114	75.1-128				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128				

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 BH21171 - EPA 5030B											
LCS (BH21171-BS1)									Prepared: 08/28/2012 Analyzed: 08/29/2012		
Dibromochloromethane	10.9		ug/L	10.0		109	79.8-134				
Dibromomethane	10.6		"	10.0		106	79-130				
Dichlorodifluoromethane	9.01		"	10.0		90.1	47.1-101				
Ethyl Benzene	11.4		"	10.0		114	80.8-128				
Hexachlorobutadiene	9.58		"	10.0		95.8	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140				
Methylene chloride	9.69		"	10.0		96.9	61.3-120				
Naphthalene	11.6		"	10.0		116	62.3-148				
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123				
n-Propylbenzene	9.93		"	10.0		99.3	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	21.5		"	20.0		107	77.7-127				
p-Isopropyltoluene	9.95		"	10.0		99.5	75.6-129				
sec-Butylbenzene	9.79		"	10.0		97.9	71.5-125				
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	12.0		"	10.0		120	75.9-151				
Tetrachloroethylene	10.4		"	10.0		104	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133				
Vinyl Chloride	11.0		"	10.0		110	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*8.93*		*"*	*10.0*		*89.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Batch BH21171 - EPA 5030B

LCS Dup (BH21171-BSD1) Prepared: 08/28/2012 Analyzed: 08/29/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130		1.22	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		1.63	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		6.86	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	71.1-129		2.72	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		2.72	20.3	
1,1-Dichloroethane	13.2		"	10.0		132	79.6-132		8.04	20.6	
1,1-Dichloroethylene	12.2		"	10.0		122	80.2-146		1.56	20	
1,1-Dichloropropylene	11.1		"	10.0		111	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		3.24	21.6	
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131		15.4	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		3.95	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135		1.20	18.8	
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	58.9-140		1.81	27.7	
1,2-Dibromoethane	10.9		"	10.0		109	79-130		2.32	23	
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122		4.57	19.8	
1,2-Dichloroethane	11.9		"	10.0		119	74.6-132		5.01	20.2	
1,2-Dichloropropane	11.0		"	10.0		110	76.9-129		0.273	20.7	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70.6-127		2.63	18.9	
1,3-Dichlorobenzene	10.0		"	10.0		100	77-124		3.66	19.2	
1,3-Dichloropropane	11.0		"	10.0		110	75.8-126		2.69	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		4.14	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		0.196	19.8	
2-Chlorotoluene	9.51		"	10.0		95.1	66.3-119		3.75	21.6	
2-Hexanone	11.9		"	10.0		119	70-130		5.69	30	
4-Chlorotoluene	10.0		"	10.0		100	69.2-127		2.62	19	
Acetone	7.59		"	10.0		75.9	70-130		18.2	30	
Benzene	11.0		"	10.0		110	76.2-129		0.00	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		3.29	20.3	
Bromochloromethane	11.8		"	10.0		118	70.8-137		1.80	23.9	
Bromodichloromethane	11.1		"	10.0		111	79.7-134		3.10	21	
Bromoform	10.4		"	10.0		104	70.5-141		7.14	21.8	
Bromomethane	11.4		"	10.0		114	43.9-147		0.262	28.4	
Carbon tetrachloride	10.9		"	10.0		109	78.1-138		2.72	20.1	
Chlorobenzene	10.5		"	10.0		105	80.4-125		1.70	19.9	
Chloroethane	11.5		"	10.0		115	55.8-140		2.56	23.3	
Chloroform	11.4		"	10.0		114	76.6-133		0.786	20.3	
Chloromethane	10.5		"	10.0		105	48.8-115		1.51	24.5	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	75.1-128		0.790	20.5	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128		0.548	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		0.0914	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		0.944	22.4	
Dichlorodifluoromethane	9.12		"	10.0		91.2	47.1-101		1.21	23.9	
Ethyl Benzene	11.2		"	10.0		112	80.8-128		1.76	19.2	
Hexachlorobutadiene	9.08		"	10.0		90.8	64.8-128		5.36	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		0.755	20	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	65.1-140		3.18	23.6	
Methylene chloride	9.78		"	10.0		97.8	61.3-120		0.925	20.4	
Naphthalene	11.5		"	10.0		115	62.3-148		0.781	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		3.40	19.1	
n-Propylbenzene	10.0		"	10.0		100	70.5-127		1.10	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		1.05	19.3	
p- & m- Xylenes	21.3		"	20.0		106	77.7-127		0.888	18.6	
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129		1.79	19.1	
sec-Butylbenzene	9.92		"	10.0		99.2	71.5-125		1.32	18.9	

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 BH21171 - EPA 5030B											
LCS Dup (BH21171-BSD1)									Prepared: 08/28/2012 Analyzed: 08/29/2012		
Styrene	9.91		ug/L	10.0		99.1	77.8-123		5.78	20.9	
tert-Butylbenzene	12.3		"	10.0		123	75.9-151		2.05	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.02	27.7	
Toluene	10.4		"	10.0		104	77-123		0.192	18.7	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	76.3-139		1.03	19.5	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	72.5-137		1.72	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		0.670	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		0.0918	21.4	
Vinyl Chloride	11.1		"	10.0		111	54.9-124		0.362	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.35*		*"*	*10.0*		*93.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81.2-127*				
Matrix Spike (BH21171-MS1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)								Prepared: 08/28/2012 Analyzed: 08/30/2012		
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	ND	101	82-138				
1,1,1-Trichloroethane	10.6		"	10.0	ND	106	85.7-133				
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26		"	10.0	ND	92.6	74.8-131				
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	82.5-129				
1,1-Dichloroethane	12.6		"	10.0	ND	126	81.4-137				
1,1-Dichloroethylene	9.59		"	10.0	ND	95.9	90-138				
1,1-Dichloropropylene	9.93		"	10.0	ND	99.3	91.7-131				
1,2,3-Trichlorobenzene	10.7		"	10.0	ND	107	75.9-130				
1,2,3-Trichloropropane	8.95		"	10.0	ND	89.5	77.1-140				
1,2,4-Trichlorobenzene	10.2		"	10.0	ND	102	69.8-135				
1,2,4-Trimethylbenzene	9.56		"	10.0	ND	95.6	79.4-131				
1,2-Dibromo-3-chloropropane	12.4		"	10.0	ND	124	66.6-143				
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136				
1,2-Dichlorobenzene	9.62		"	10.0	ND	96.2	79.9-130				
1,2-Dichloroethane	11.3		"	10.0	ND	113	85-133				
1,2-Dichloropropane	10.3		"	10.0	ND	103	81.1-132				
1,3,5-Trimethylbenzene	9.44		"	10.0	ND	94.4	76.1-121				
1,3-Dichlorobenzene	9.38		"	10.0	ND	93.8	79.1-124				
1,3-Dichloropropane	10.6		"	10.0	ND	106	83.3-130				
1,4-Dichlorobenzene	9.31		"	10.0	ND	93.1	79.4-128				
2,2-Dichloropropane	8.30		"	10.0	ND	83.0	54.2-126				
2-Chlorotoluene	8.87		"	10.0	ND	88.7	60.2-144				
2-Hexanone	11.6		"	10.0	ND	116	70-130				
4-Chlorotoluene	9.33		"	10.0	ND	93.3	79.8-128				
Acetone	7.21		"	10.0	ND	72.1	70-130				
Benzene	10.2		"	10.0	ND	102	74.1-134				
Bromobenzene	9.41		"	10.0	ND	94.1	76.6-125				
Bromochloromethane	11.2		"	10.0	ND	112	85-133				
Bromodichloromethane	10.8		"	10.0	ND	108	80.8-143				
Bromoform	9.62		"	10.0	ND	96.2	65.8-164				
Bromomethane	8.02		"	10.0	ND	80.2	68.7-112				
Carbon tetrachloride	10.2		"	10.0	ND	102	85.7-138				
Chlorobenzene	10.2		"	10.0	ND	102	79.9-129				
Chloroethane	7.77		"	10.0	ND	77.7	74.7-127				
Chloroform	10.7		"	10.0	ND	107	50.6-145				
Chloromethane	7.83		"	10.0	ND	78.3	64-111				
cis-1,2-Dichloroethylene	10.6		"	10.0	ND	106	75.5-129				
cis-1,3-Dichloropropylene	10.1		"	10.0	ND	101	74.3-128				
Dibromochloromethane	10.8		"	10.0	ND	108	76.8-150				

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 BH21171 - EPA 5030B											
Matrix Spike (BH21171-MS1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)								Prepared: 08/28/2012 Analyzed: 08/30/2012		
Dibromomethane	10.8		ug/L	10.0	ND	108	83.3-140				
Dichlorodifluoromethane	7.50		"	10.0	ND	75.0	51-100				
Ethyl Benzene	10.9		"	10.0	ND	109	82.9-127				
Hexachlorobutadiene	9.41		"	10.0	ND	94.1	73-128				
Isopropylbenzene	10.0		"	10.0	ND	100	78.7-131				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0	ND	113	81.2-134				
Methylene chloride	7.59		"	10.0	0.120	74.7	57.8-103				
Naphthalene	10.6		"	10.0	0.130	105	80.1-122				
n-Butylbenzene	9.35		"	10.0	ND	93.5	72.4-120				
n-Propylbenzene	9.31		"	10.0	ND	93.1	74-130				
o-Xylene	10.1		"	10.0	ND	101	78.8-122				
p- & m- Xylenes	20.9		"	20.0	ND	104	82.5-123				
p-Isopropyltoluene	9.37		"	10.0	ND	93.7	64.9-132				
sec-Butylbenzene	9.37		"	10.0	ND	93.7	25.4-151				
Styrene	9.90		"	10.0	ND	99.0	74.1-134				
tert-Butylbenzene	11.4		"	10.0	ND	114	79.5-171				
Tetrachloroethylene	9.92		"	10.0	ND	99.2	72.5-130				
Toluene	9.93		"	10.0	ND	99.3	77.8-121				
trans-1,2-Dichloroethylene	9.18		"	10.0	ND	91.8	83.8-140				
trans-1,3-Dichloropropylene	9.87		"	10.0	ND	98.7	74.9-136				
Trichloroethylene	10.0		"	10.0	ND	100	84.4-125				
Trichlorofluoromethane	9.45		"	10.0	ND	94.5	78.7-127				
Vinyl Chloride	7.32		"	10.0	ND	73.2	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.53*		*"*	*10.0*		*95.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81.2-127*				
Matrix Spike Dup (BH21171-MSD1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)								Prepared: 08/28/2012 Analyzed: 08/30/2012		
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0	ND	107	82-138		5.49	21.3	
1,1,1-Trichloroethane	10.8		"	10.0	ND	108	85.7-133		2.06	22.6	
1,1,2,2-Tetrachloroethane	10.8		"	10.0	ND	108	78.6-136		6.11	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.70		"	10.0	ND	97.0	74.8-131		4.64	25.6	
1,1,2-Trichloroethane	10.6		"	10.0	ND	106	82.5-129		3.73	19.3	
1,1-Dichloroethane	13.0		"	10.0	ND	130	81.4-137		3.44	20.7	
1,1-Dichloroethylene	10.1		"	10.0	ND	101	90-138		4.98	22.9	
1,1-Dichloropropylene	10.2		"	10.0	ND	102	91.7-131		2.88	24.9	
1,2,3-Trichlorobenzene	11.1		"	10.0	ND	111	75.9-130		3.76	21.4	
1,2,3-Trichloropropane	10.1		"	10.0	ND	101	77.1-140		11.9	28	
1,2,4-Trichlorobenzene	10.1		"	10.0	ND	101	69.8-135		0.884	22.5	
1,2,4-Trimethylbenzene	10.1		"	10.0	ND	101	79.4-131		5.20	33.9	
1,2-Dibromo-3-chloropropane	13.4		"	10.0	ND	134	66.6-143		7.35	23.3	
1,2-Dibromoethane	10.4		"	10.0	ND	104	79.8-136		3.13	19.1	
1,2-Dichlorobenzene	10.2		"	10.0	ND	102	79.9-130		6.34	23.2	
1,2-Dichloroethane	11.4		"	10.0	ND	114	85-133		0.353	19.1	
1,2-Dichloropropane	10.4		"	10.0	ND	104	81.1-132		0.967	19.9	
1,3,5-Trimethylbenzene	9.82		"	10.0	ND	98.2	76.1-121		3.95	31.2	
1,3-Dichlorobenzene	9.95		"	10.0	ND	99.5	79.1-124		5.90	22.6	
1,3-Dichloropropane	10.9		"	10.0	ND	109	83.3-130		2.80	20.9	
1,4-Dichlorobenzene	10.1		"	10.0	ND	101	79.4-128		8.24	21	
2,2-Dichloropropane	8.31		"	10.0	ND	83.1	54.2-126		0.120	24.5	
2-Chlorotoluene	9.09		"	10.0	ND	90.9	60.2-144		2.45	30.8	
2-Hexanone	11.4		"	10.0	ND	114	70-130		1.22	30	
4-Chlorotoluene	9.81		"	10.0	ND	98.1	79.8-128		5.02	23.2	
Acetone	7.00		"	10.0	ND	70.0	70-130		2.96	30	

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21171 - EPA 5030B											
Matrix Spike Dup (BH21171-MSD1)	*Source sample: 12H0950-01 (GWQ82712:1026NP1-1-3)								Prepared: 08/28/2012 Analyzed: 08/30/2012		
Benzene	10.4		ug/L	10.0	ND	104	74.1-134		2.24	20.8	
Bromobenzene	10.0		"	10.0	ND	100	76.6-125		6.08	23	
Bromochloromethane	11.2		"	10.0	ND	112	85-133		0.535	18.4	
Bromodichloromethane	11.0		"	10.0	ND	110	80.8-143		2.57	18.1	
Bromoform	10.6		"	10.0	ND	106	65.8-164		10.2	27.3	
Bromomethane	9.35		"	10.0	ND	93.5	68.7-112		15.3	22.8	
Carbon tetrachloride	10.6		"	10.0	ND	106	85.7-138		4.33	25.1	
Chlorobenzene	10.2		"	10.0	ND	102	79.9-129		0.489	21	
Chloroethane	8.09		"	10.0	ND	80.9	74.7-127		4.04	23.7	
Chloroform	10.9		"	10.0	ND	109	50.6-145		1.20	21.7	
Chloromethane	8.30		"	10.0	ND	83.0	64-111		5.83	21.4	
cis-1,2-Dichloroethylene	10.8		"	10.0	ND	108	75.5-129		1.40	20.2	
cis-1,3-Dichloropropylene	10.1		"	10.0	ND	101	74.3-128		0.0988	19.8	
Dibromochloromethane	11.2		"	10.0	ND	112	76.8-150		3.27	20.8	
Dibromomethane	11.0		"	10.0	ND	110	83.3-140		1.10	20.4	
Dichlorodifluoromethane	7.88		"	10.0	ND	78.8	51-100		4.94	27.6	
Ethyl Benzene	10.9		"	10.0	ND	109	82.9-127		0.183	21.4	
Hexachlorobutadiene	9.87		"	10.0	ND	98.7	73-128		4.77	26	
Isopropylbenzene	10.4		"	10.0	ND	104	78.7-131		4.11	26.7	
Methyl tert-butyl ether (MTBE)	11.8		"	10.0	ND	118	81.2-134		3.89	21.2	
Methylene chloride	7.89		"	10.0	0.120	77.7	57.8-103		3.94	21.2	
Naphthalene	11.8		"	10.0	0.130	116	80.1-122		10.2	26.1	
n-Butylbenzene	9.86		"	10.0	ND	98.6	72.4-120		5.31	30.8	
n-Propylbenzene	9.73		"	10.0	ND	97.3	74-130		4.41	31	
o-Xylene	10.2		"	10.0	ND	102	78.8-122		0.692	21	
p- & m- Xylenes	20.6		"	20.0	ND	103	82.5-123		1.45	22.5	
p-Isopropyltoluene	9.82		"	10.0	ND	98.2	64.9-132		4.69	25.2	
sec-Butylbenzene	9.79		"	10.0	ND	97.9	25.4-151		4.38	25.2	
Styrene	9.95		"	10.0	ND	99.5	74.1-134		0.504	20	
tert-Butylbenzene	12.1		"	10.0	ND	121	79.5-171		5.44	24.8	
Tetrachloroethylene	9.78		"	10.0	ND	97.8	72.5-130		1.42	22.7	
Toluene	10.0		"	10.0	ND	100	77.8-121		1.00	21.5	
trans-1,2-Dichloroethylene	9.89		"	10.0	ND	98.9	83.8-140		7.45	20.1	
trans-1,3-Dichloropropylene	10.0		"	10.0	ND	100	74.9-136		1.51	22.5	
Trichloroethylene	10.2		"	10.0	ND	102	84.4-125		1.29	20.7	
Trichlorofluoromethane	10.2		"	10.0	ND	102	78.7-127		8.02	24.7	
Vinyl Chloride	8.02		"	10.0	ND	80.2	72.1-116		9.13	24.9	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81.2-127*				

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.

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.

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. 12H0950

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		
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	Indic.Metals	Air STARS	Part 360-Expanded (No Dioxin/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

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)
GWQ82712:1026NP1-1-3	8/27/12 1026	GW	VOC 8260 full list (EPA SW846-8260B)	2V
GWQ82712:1026NP1-1-3MS	8/27/12 1026	GW	VOC 8260 full list (EPA SW846-8260B)	2V
GWQ82712:1026NP1-1-3MSD	8/27/12 1026	GW	VOC 8260 full list (EPA SW846-8260B)	2V
GWQ82712:1058NP1-1-5	8/27/12 1058	GW	VOC 8260 full list (EPA SW846-8260B)	2V
GWQ82712:1131NP1-1-8	8/27/12 1131	GW	VOC 8260 full list (EPA SW846-8260B)	2V
GWQ82712:1157NP1-1-9	8/27/12 1157	GW	VOC 8260 full list (EPA SW846-8260B)	2V
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
				1V

Comments

Preservation "X" those applicable

Cool 4°C ____ HNO3 ____ H2SO4 ____ NaOH ____ NONE ____ FROZEN 1

Samples Relinquished By — Date/Time: 8/28/12 1500
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 8/28 300
Samples Received in LAB by — Date/Time: 8/28/12-1620

Temperature on Receipt: 4.4 °C

APPENDIX III
AUGUST 2012 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: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0975

Report Date: 09/05/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0975

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 August 28, 2012 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
12H0975-01	AQ82712:1600NP4-1	Vapor Extraction	08/27/2012	08/28/2012
12H0975-02	AQ82712:1605NP4-2	Vapor Extraction	08/27/2012	08/28/2012
12H0975-03	AQ82712:1610NP4-3	Vapor Extraction	08/27/2012	08/28/2012

General Notes for York Project (SDG) No.: 12H0975

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:** 09/05/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ82712:1600NP4-1 **York Sample ID:** 12H0975-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:00 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

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	**7.1**		ug/m³	0.18	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.099	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.25	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-34-3	1,1-Dichloroethane	**5.1**		ug/m³	0.089	0.74	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-35-4	1,1-Dichloroethylene	**0.87**		ug/m³	0.11	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.74	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.85	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
76-14-2	1,2-Dichlorotetrafluoroethane	**1.3**		ug/m³	0.22	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.8	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	6.6	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
78-93-3	2-Butanone	ND		ug/m³	0.22	0.54	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
591-78-6	2-Hexanone	ND		ug/m³	0.41	1.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-64-1	Acetone	**1.6**		ug/m³	0.14	0.44	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
71-43-2	Benzene	**0.82**		ug/m³	0.088	0.59	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.95	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-25-2	Bromoform	ND		ug/m³	0.34	1.9	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
74-83-9	Bromomethane	ND		ug/m³	0.086	0.71	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-15-0	Carbon disulfide	**2.8**		ug/m³	0.069	0.57	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.58	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.85	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-00-3	Chloroethane	ND		ug/m³	0.058	0.48	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-66-3	Chloroform	**2.8**		ug/m³	0.13	0.90	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
74-87-3	Chloromethane	ND		ug/m³	0.11	0.38	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD

Sample Information

Client Sample ID: AQ82712:1600NP4-1 **York Sample ID:** 12H0975-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:00 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

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	0.21	0.83	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
110-82-7	Cyclohexane	ND		ug/m³	0.076	0.63	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-71-8	Dichlorodifluoromethane	**2.3**		ug/m³	0.23	0.91	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.66	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.35	2.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
67-63-0	Isopropanol	ND		ug/m³	0.16	0.45	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.079	0.66	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-09-2	Methylene chloride	**1.6**	B	ug/m³	0.15	0.64	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
142-82-5	n-Heptane	ND		ug/m³	0.090	0.75	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
110-54-3	n-Hexane	ND		ug/m³	0.078	0.65	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.27	0.80	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.5	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.32	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.78	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
127-18-4	Tetrachloroethylene	**8.5**		ug/m³	0.15	1.2	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.54	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-88-3	Toluene	**0.83**		ug/m³	0.17	0.69	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.087	0.73	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.83	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
79-01-6	Trichloroethylene	**1.6**		ug/m³	0.12	0.49	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.8**		ug/m³	0.062	1.0	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.097	1.3	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.94	1.806	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 13:46	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.7 %*	*70-130*

Sample Information

Client Sample ID: AQ82712:1605NP4-2 **York Sample ID:** 12H0975-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:05 pm	08/28/2012

Sample Information

Client Sample ID: AQ82712:1605NP4-2 **York Sample ID:** 12H0975-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:05 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

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	**11**		ug/m³	0.19	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.33	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.11	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.27	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-34-3	1,1-Dichloroethane	**4.9**		ug/m³	0.096	0.80	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.12	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.32	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.12	4.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.5	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.30	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.19	0.80	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.20	0.91	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.24	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.13	1.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.13	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.21	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.26	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	7.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
78-93-3	2-Butanone	ND		ug/m³	0.23	0.58	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
591-78-6	2-Hexanone	ND		ug/m³	0.45	1.6	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.29	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-64-1	Acetone	**6.3**		ug/m³	0.15	0.47	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
71-43-2	Benzene	ND		ug/m³	0.095	0.63	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.12	1.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.29	1.2	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-25-2	Bromoform	ND		ug/m³	0.37	2.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
74-83-9	Bromomethane	ND		ug/m³	0.092	0.77	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-15-0	Carbon disulfide	**2.5**		ug/m³	0.074	0.62	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.15	0.62	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.16	0.91	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-00-3	Chloroethane	ND		ug/m³	0.063	0.52	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-66-3	Chloroform	**2.4**		ug/m³	0.14	0.97	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
74-87-3	Chloromethane	ND		ug/m³	0.12	0.41	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
156-59-2	cis-1,2-Dichloroethylene	**1.4**		ug/m³	0.13	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.22	0.90	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD

Sample Information

Client Sample ID: AQ82712:1605NP4-2 **York Sample ID:** 12H0975-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:05 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

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	ND		ug/m³	0.082	0.68	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.6	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-71-8	Dichlorodifluoromethane	**1.6**		ug/m³	0.24	0.98	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.18	0.71	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.15	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.38	2.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
67-63-0	Isopropanol	ND		ug/m³	0.17	0.49	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.81	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.085	0.71	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-09-2	Methylene chloride	**1.4**	B	ug/m³	0.16	0.69	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
142-82-5	n-Heptane	ND		ug/m³	0.097	0.81	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
110-54-3	n-Hexane	ND		ug/m³	0.084	0.70	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
95-47-6	o-Xylene	ND		ug/m³	0.15	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.29	0.86	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.18	4.9	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
115-07-01	Propylene	ND		ug/m³	0.16	0.34	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
100-42-5	Styrene	ND		ug/m³	0.15	0.84	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
127-18-4	Tetrachloroethylene	**9.0**		ug/m³	0.16	1.3	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.15	0.58	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-88-3	Toluene	ND		ug/m³	0.18	0.75	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.094	0.78	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.16	0.90	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.53	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.4**		ug/m³	0.067	1.1	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.10	1.4	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	1.0	1.946	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 14:34	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.7 %*	*70-130*

Sample Information

Client Sample ID: AQ82712:1610NP4-3 **York Sample ID:** 12H0975-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:10 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ82712:1610NP4-3 **York Sample ID:** 12H0975-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:10 pm	08/28/2012

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	**5.7**		ug/m³	0.18	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.099	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.25	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-34-3	1,1-Dichloroethane	**5.7**		ug/m³	0.090	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.85	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.22	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.8	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	6.6	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
78-93-3	2-Butanone	ND		ug/m³	0.22	0.54	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	1.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.76	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-64-1	Acetone	**1.3**		ug/m³	0.14	0.44	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
71-43-2	Benzene	ND		ug/m³	0.088	0.59	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.95	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-25-2	Bromoform	ND		ug/m³	0.34	1.9	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
74-83-9	Bromomethane	ND		ug/m³	0.086	0.72	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-15-0	Carbon disulfide	**2.2**		ug/m³	0.069	0.57	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.58	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.85	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-00-3	Chloroethane	ND		ug/m³	0.058	0.49	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-66-3	Chloroform	**2.3**		ug/m³	0.14	0.90	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
74-87-3	Chloromethane	ND		ug/m³	0.11	0.38	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.21	0.84	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
110-82-7	Cyclohexane	ND		ug/m³	0.076	0.63	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD

Sample Information

Client Sample ID: AQ82712:1610NP4-3 **York Sample ID:** 12H0975-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0975	Rowe Industries	Vapor Extraction	August 27, 2012 4:10 pm	08/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

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
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-71-8	Dichlorodifluoromethane	**2.1**		ug/m³	0.23	0.91	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.66	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.35	2.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
67-63-0	Isopropanol	ND		ug/m³	0.16	0.45	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.75	0.75	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.080	0.66	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-09-2	Methylene chloride	**1.3**	B	ug/m³	0.15	0.64	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
142-82-5	n-Heptane	ND		ug/m³	0.091	0.76	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
110-54-3	n-Hexane	ND		ug/m³	0.078	0.65	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.27	0.80	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.5	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.32	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.79	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.15	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.54	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-88-3	Toluene	**1.2**		ug/m³	0.17	0.69	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.088	0.73	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.84	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.50	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.2**		ug/m³	0.062	1.0	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.097	1.3	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.94	1.813	EPA Compendium TO-15	08/30/2012 16:00	08/31/2012 15:21	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.3 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BI20046 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12H0975-01	AQ82712:1600NP4-1	08/30/12
12H0975-02	AQ82712:1605NP4-2	08/30/12
12H0975-03	AQ82712:1610NP4-3	08/30/12
BI20046-BLK1	Blank	08/30/12
BI20046-BS1	LCS	08/30/12
BI20046-DUP1	Duplicate	08/30/12

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 BI20046 - EPA TO15 PREP

Blank (BI20046-BLK1) Prepared: 08/30/2012 Analyzed: 08/31/2012

Vinyl Chloride	ND	0.52	ug/m³
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	0.42	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	"
2-Hexanone	ND	0.83	"
2-Butanone	ND	0.30	"
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	"
Trichlorofluoromethane (Freon 11)	ND	0.57	"
1,1,2-Trichloroethane	ND	0.55	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"

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 BI20046 - EPA TO15 PREP											
Blank (BI20046-BLK1)								Prepared: 08/30/2012 Analyzed: 08/31/2012			
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.92*		*ppbv*	*10.0*		*79.2*	*70-130*				
LCS (BI20046-BS1)								Prepared: 08/30/2012 Analyzed: 08/31/2012			
Vinyl Chloride	9.65		ppbv	10.1		95.5	70-130				
Vinyl acetate	0.120		"	9.70		1.24	58.1-135	Low Bias			
Trichloroethylene	10.9		"	10.2		107	70-130				
trans-1,3-Dichloropropylene	9.32		"	9.90		94.1	62-135				
trans-1,2-Dichloroethylene	9.05		"	9.50		95.3	58.3-130				
Toluene	12.5		"	10.8		116	64.9-126				
Tetrahydrofuran	12.0		"	10.2		118	44.6-146				
Tetrachloroethylene	10.8		"	10.5		102	70-130				
Styrene	14.4		"	10.7		134	66.4-132	High Bias			
Propylene	9.73		"	11.0		88.5	62.4-150				
p-Ethyltoluene	12.5		"	10.4		120	73.8-146				
p- & m- Xylenes	26.0		"	21.0		124	56.6-136				
o-Xylene	13.5		"	10.8		125	67.8-133				
n-Hexane	11.2		"	10.3		109	59.7-130				
n-Heptane	12.0		"	10.4		116	62.3-134				
Methylene chloride	8.76		"	10.0		87.6	62.6-130				
Methyl tert-butyl ether (MTBE)	9.49		"	10.2		93.0	60.7-139				
4-Methyl-2-pentanone	10.2		"	10.0		102	64.5-158				
Isopropanol	8.16		"	9.90		82.4	60-150				
Hexachlorobutadiene	11.7		"	11.0		106	61.2-150				
Ethyl Benzene	12.1		"	10.7		113	68.4-125				
Ethyl acetate	14.0		"	10.0		140	40.6-150				
Cyclohexane	10.9		"	10.2		107	60.4-127				
cis-1,3-Dichloropropylene	11.0		"	10.7		103	65.5-129				
cis-1,2-Dichloroethylene	9.75		"	10.5		92.9	51.3-118				
Chloromethane	9.86		"	10.1		97.6	64.9-130				
Chloroform	8.25		"	10.0		82.5	65.1-130				
Chloroethane	10.2		"	10.1		101	52.1-131				
Carbon tetrachloride	7.60		"	10.1		75.2	70-130				
Carbon disulfide	8.89		"	10.0		88.9	61.8-111				
Bromomethane	7.80		"	10.2		76.5	60.1-140				
Bromoform	12.1		"	10.5		116	58.7-150				
Bromodichloromethane	10.6		"	10.2		104	65.3-127				
Benzyl chloride	6.87		"	10.2		67.4	62.5-150				
Benzene	10.3		"	10.4		99.0	69.5-130				
Acetone	9.59		"	10.0		95.9	55.3-133				
2-Hexanone	9.25		"	10.1		91.6	52-150				
2-Butanone	9.09		"	10.0		90.9	28.5-154				
1,4-Dioxane	11.1		"	10.2		109	50-150				
1,4-Dichlorobenzene	13.4		"	10.6		127	62.5-139				
1,3-Dichlorobenzene	12.8		"	10.2		126	71.9-153				
1,3-Butadiene	10.6		"	10.5		101	66.7-127				
1,3,5-Trimethylbenzene	13.0		"	10.6		122	65-152				
1,2-Dichlorotetrafluoroethane	9.33		"	10.1		92.4	63.3-129				

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 BI20046 - EPA TO15 PREP											
LCS (BI20046-BS1)									Prepared: 08/30/2012 Analyzed: 08/31/2012		
1,2-Dichloropropane	12.6		ppbv	10.7		118	21.3-152				
1,2-Dichloroethane	8.70		"	10.4		83.7	51.2-124				
1,2-Dichlorobenzene	13.0		"	10.6		123	63.7-148				
1,2,4-Trimethylbenzene	13.3		"	10.7		124	67.9-152				
1,2,4-Trichlorobenzene	12.4		"	11.0		113	58-147				
1,1-Dichloroethylene	9.18		"	9.80		93.7	58.1-130				
1,1-Dichloroethane	9.59		"	10.2		94.0	63.3-130				
Trichlorofluoromethane (Freon 11)	8.42		"	10.5		80.2	56-132				
1,1,2-Trichloroethane	11.3		"	10.7		106	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.30		"	9.70		85.6	60.2-125				
1,1,2,2-Tetrachloroethane	13.5		"	10.8		125	63.7-132				
1,1,1-Trichloroethane	8.16		"	10.4		78.5	58.2-126				
Dichlorodifluoromethane	7.63		"	10.0		76.3	62.8-133				
1,2-Dibromoethane	10.1		"	10.6		95.3	70-130				
Dibromochloromethane	10.5		"	10.6		98.7	70-130				
Methyl Methacrylate	12.1		"	10.1		120	70-130				
Chlorobenzene	11.9		"	10.8		110	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				
Duplicate (BI20046-DUP1)	*Source sample: 12H0975-03 (AQ82712:1610NP4-3)								Prepared: 08/30/2012 Analyzed: 08/31/2012		
Vinyl Chloride	ND	0.94	ug/m³		ND					25	
Vinyl acetate	ND	1.3	"		ND					25	
Trichloroethylene	ND	0.50	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.84	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.73	"		ND					25	
Toluene	1.1	0.69	"		1.2				6.06	25	
Tetrahydrofuran	ND	0.54	"		ND					25	
Tetrachloroethylene	ND	1.3	"		ND					25	
Styrene	ND	0.79	"		ND					25	
Propylene	ND	0.32	"		ND					25	
p-Ethyltoluene	ND	4.5	"		ND					25	
p- & m- Xylenes	ND	0.80	"		ND					25	
o-Xylene	ND	0.80	"		ND					25	
n-Hexane	ND	0.65	"		ND					25	
n-Heptane	ND	0.76	"		ND					25	
Methylene chloride	1.4	0.64	"		1.3				4.65	25	
Methyl tert-butyl ether (MTBE)	ND	0.66	"		ND					25	
4-Methyl-2-pentanone	ND	0.76	"		ND					25	
Isopropanol	ND	0.45	"		ND					25	
Hexachlorobutadiene	ND	2.0	"		ND					25	
Ethyl Benzene	ND	0.80	"		ND					25	
Ethyl acetate	ND	0.66	"		ND					25	
Cyclohexane	ND	0.63	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.84	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.73	"		ND					25	
Chloromethane	ND	0.38	"		ND					25	
Chloroform	2.3	0.90	"		2.3				3.92	25	
Chloroethane	ND	0.49	"		ND					25	
Carbon tetrachloride	ND	0.58	"		ND					25	
Carbon disulfide	2.2	0.57	"		2.2				2.60	25	
Bromomethane	ND	0.72	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.95	"		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 BI20046 - EPA TO15 PREP											
Duplicate (BI20046-DUP1)	*Source sample: 12H0975-03 (AQ82712:1610NP4-3)								Prepared: 08/30/2012 Analyzed: 08/31/2012		
Benzene	ND	0.59	ug/m³		ND					25	
Acetone	1.4	0.44	"		1.3				3.28	25	
2-Hexanone	ND	1.5	"		ND					25	
2-Butanone	ND	0.54	"		ND					25	
1,4-Dioxane	ND	6.6	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.80	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.8	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,2-Dichloropropane	ND	0.85	"		ND					25	
1,2-Dichloroethane	ND	0.75	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.5	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.4	"		ND					25	
1,1-Dichloroethylene	ND	0.73	"		ND					25	
1,1-Dichloroethane	5.9	0.75	"		5.7				3.87	25	
Trichlorofluoromethane (Freon 11)	1.2	1.0	"		1.2				0.00	25	
1,1,2-Trichloroethane	ND	1.0	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,1-Trichloroethane	5.9	1.0	"		5.7				3.45	25	
Dichlorodifluoromethane	2.1	0.91	"		2.1				0.00	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
Dibromochloromethane	ND	1.5	"		ND					25	
Methyl Methacrylate	ND	0.75	"		ND					25	
Chlorobenzene	ND	0.85	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.40*		*ppbv*	*10.0*		*94.0*	*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.

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.

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. 12H0975

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
AQ82712:1600NP4-1	8/27/12 1600	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
AQ82712:1605NP4-2	1605	AE				6 Liter Summa canister ✓ Tedlar Bag
AQ82712:1610NP4-3	1610	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 8/28/12 1500 Date/Time

Samples Relinquished By Date/Time

Samples Received By Date/Time

Samples Received in LAB by 8/28/12 1620 Date/Time