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PROJECT STATUS MEMORANDUM NO. 1-13

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

DATE: March 21, 2013

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
January 2013 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 January 1, 2013 through January 31, 2013. 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

(January 1, 2013 through January 31, 2013)

1. Hours of operation during the reporting period:	323 hours (43.4%)
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:	2,563,020 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:	0.03 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	225.3 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.11 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 (0.00113 lbs/hr)

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

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	506,045	27	13	2.3	0.01
RW-4	402,352	22	10	3.0	0.01
RW-6	280,533	15	15	3.8	0.01
RW-7	1,305,824	70	69	1.0	0.01

[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.

On January 18, 2013 the FSP&T system shut down due to a booster blower failure alarm. On January 21, 2013, LBG conducted normal troubleshooting procedures, on the booster blower and booster blower controls; however, this action did not identify the problem. A replacement motor starter and protector were ordered for the booster blower, as these are typically the parts that malfunction. On January 23, LBG replaced the booster blower motor starter and booster blower motor protector; however, this did not restore the operation of the booster blower. ACFM Dynamics was contacted to assess the booster blower. On January 31, 2013 technicians from ACFM Dynamics along with LBG completed an assessment of the booster blower and determined that the booster blower motor was malfunctioning and required replacement. ACFM prepared a quote for the necessary repairs, once the quote was approved by LBG, ACFM ordered the necessary parts. The booster blower drive motor replacement is planned for early February.

Evaluation of Groundwater Quality

During January 2013, the 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-4, RW-6 and RW-7. Groundwater samples were not collected from RW-3, RW-5, RW-8 and RW-9 during the month of January; these recovery wells will be monitored quarterly during 2013 as outlined in the Recovery Well Shutdown Plan. Low concentrations of VOCs continue to be detected in the groundwater samples from the operating recovery wells. Laboratory analytical reports are included in Appendix II.

PCE, TCA and TCE concentrations have been at or below the ARAR of 5 µg/l in groundwater samples collected from:

- RW-2 for 46 consecutive months (3 years and 11 months);

- RW-4 for 28 consecutive months (2 years and 5 months);
- RW-6 for 25 consecutive months (2 years and 2 month); and
- RW-7 for 30 consecutive months (2 years and 7 months).

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

During this reporting period, the Focus Recovery Wells (FRWs) were off to evaluate FDSA groundwater quality under non-pumping conditions.

Groundwater samples were not collected during the month of January, however, groundwater samples will be collected during the month of February. Tables 5 through 8 present a summary of the historic groundwater 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.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in January 2013 included:

- on January 3, reset the flow meter totalizers for the operating recovery wells;
- on January 21, conducted troubleshooting of the booster blower, however, the problem was not identified. A replacement motor starter and protector were ordered for the booster blower and the FSP&T system remained off while awaiting the replacement parts for the booster blower;
- on January 23, installed a new booster blower motor started and protector, however, this did not restore the operation of the booster blower. Contacted ACFM Diagnostics to schedule assessment of the booster blower;
- on January 29, LBG marked out the below-grade piping and monitor wells located along Brick Kiln Road per the utility mark-out request; and
- on January 31, technicians from ACFM Diagnostics completed assessment of the malfunctioning booster blower and determined that the booster blower motor needed replacement.

Future O&M activities scheduled for the winter of 2013 include:

- replace the malfunctioning booster blower motor and restart the FSP&T system;
- collect groundwater samples using the low-flow sampling technique from the focus recovery wells and select monitor wells; and
- normal weekly/monthly O&M activities.

MMG:nv
Attachments
cc: Ken W. Wengert - Kraft Foods Global, Inc. - .pdf
Lisa Krogman, Environ – .pdf
Jeff Trad, NYSDEC – .pdf
Chief-Operation Maintenance and Support Section, NYSDEC – .pdf
William Spitz, RWM, R-1, NYSDEC
Tiffany Scarloto, Town of Southampton Attorney - .pdf
H:\NABIS\2013\Monthlt reports\January\Status0113Jan.docx

TABLES

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

MAINTENANCE LOG
(January 1, 2013 through January 31, 2013)

Date	Time	System Changes/Modifications	Personnel
1/3/2013		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
	9:30 AM	Reset power failure alarms and restarted the FSP&T system.	SH
		Reset the flow meter totalizers for the operating recovery wells RW-2, RW-4, RW-6 and RW-7	SH
1/7/2013		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
1/11/2013	1:55 PM	FSP&T system shut down due to a power failure.	SH
1/14/2013	9:50 AM	Reset power failure alarms and restarted the FSP&T system.	SH
1/18/2013	4:36 PM	FSP&T system shut down due to a booster blower failure alarm.	
1/21/2013		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
		Reset booster blower alarms and attempted to restart, however, booster blower would not start. Normal troubleshooting procedures conducted for the booster blower and booster blower controls did not fix the problem. A motor protector and motor starter were ordered for the booster blower. The FSP&T system remained off awaiting these parts.	SH
1/23/2013		A new booster blower motor starter and protector were installed. However, the booster blower was still not operational. Contacted ACFM Dynamics to schedule a visit to assess the problem. The FSP&T system remained off awaiting this assessment.	SH
1/29/2013		Marked out below-grade piping and monitor wells on Brick Kiln Road per utility mark out request.	SH
1/31/2013		ACFM Dynamics assessment of the booster blower determined that the booster blower motor required replacement. A quote was requested from ACFM Dynamics for the motor replacement. The FSP&T system remained off awaiting this repair to the booster blower.	SH/ACFM Diagnostics

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**	**---**	**---**
2-Jan-13	7.5	185	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	14.10	ND<0.02
7-Jan-13	7.1	119	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	1.2 J,B	ND<0.5	ND<2	ND<0.5	0.76	0.066
14-Jan-13	7.3	142	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	0.14 J,B	ND<0.5	12.70	ND<0.02

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
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
AQ092712:1210NP4-1	9/27/2012	12:10	ND	ND	ND	ND	ND	ND	ND	0.0030	ND	ND	ND	0.0026 [B]	ND	ND	0.05
AQ103112:1640NP4-1	10/31/2012	16:40	0.0140	0.0140	0.0096	ND	0.0039	ND	ND	0.0007	0.0007	ND	0.0043	0.0011 [B]	ND	ND	0.08
AQ112712:1300NP4-1	11/27/2012	13:00	0.0190	0.0020	0.0054	ND	ND	0.0010	ND	0.0013	0.0018	0.0009	0.0019	0.0015	0.0009	ND	0.06
AQ121212:1120NP4-1	12/12/2012	11:20	0.0240	0.0033	0.0110	ND	0.0047	0.0020	ND	0.0017	0.0610	0.0240	0.0033	0.0015	0.0012	ND	0.16
AQ010713:1200NP4-1	1/7/2013	12:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01

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
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
AQ092712:1215NP4-2	9/27/2012	12:15	0.0770	0.0040	0.0110	ND	0.0036	0.0014	ND	0.0018	ND	ND	0.0022	0.0011 [B]	ND	ND	0.12
AQ103112:1645NP4-2	10/31/2012	16:45	0.0720	0.0043	0.0170	ND	0.0044	0.0018	ND	0.0009	0.0012	ND	0.0033	0.0014 [B]	ND	0.0016	0.13
AQ112712:1305NP4-2	11/27/2012	13:05	0.0420	0.0019	0.0130	ND	0.0037	0.0016	ND	0.0028	0.0050	0.0021	0.0028	0.0020	0.0016	ND	0.11
AQ121212:1125NP4-2	12/12/2012	11:25	0.0350	ND	0.0110	ND	0.0030	0.0010	ND	0.0010	0.0087	0.0024	0.0022	0.0011	ND	ND	0.11
AQ010713:1205NP4-2	1/7/2013	12:05	0.2400	0.0062	0.0150	ND	ND	ND	ND	0.0033	ND	ND	0.0030	ND	ND	ND	0.29

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
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
AQ092712:1220NP4-3	9/27/2012	12:20	ND	ND	0.0083	ND	0.0055	ND	ND	ND	ND	ND	0.0028	0.0011 [B]	ND	ND	0.03
AQ103112:1650NP4-3	10/31/2012	16:50	ND	ND	0.0130	0.0008	0.0053	0.0010	ND	ND	0.0008	ND	0.0033	0.0015 [B]	ND	0.0013	0.05
AQ112712:1310NP4-3	11/27/2012	13:10	ND	ND	0.0150	ND	0.0043	0.0013	ND	0.0009	0.0018	ND	0.0031	0.0019	ND	ND	0.05
AQ121212:1130NP4-3	12/12/2012	11:30	ND	ND	0.0120	ND	0.0031	ND	ND	ND	0.0050	0.0015	0.0022	0.0009	ND	ND	0.09
AQ010713:1210NP4-3	1/7/2013	12:10	ND	ND	0.0300	ND	0.0056	0.0015	ND	ND	0.0024	0.0014	0.0047	ND	ND	ND	0.11

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)	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)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	**9.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	2-May-05	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
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	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	ND<1	ND<1	ND<1	**8.4***	ND<1	ND<1	3.3	1.3
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	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<2	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	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<2	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<10	ND<5
	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<2	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.72	ND<0.5	ND<0.5	ND<1	ND<0.5	1.2 J,B	ND<1	ND<0.5	ND<2	ND<0.5
RW-2	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	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
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	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
	23-Aug-11	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
	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<10	ND<5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.30 J	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	1.3	0.43 J	0.17 J	0.11 J	ND<0.5	ND<0.5	0.65	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	1.3	0.66	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.0	0.61	0.26 J	ND<0.5	ND<0.5	ND<0.5	0.47 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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)	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)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-3 [3/]	17-Feb-11	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
	15-Mar-11	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
	12-Apr-11	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
	23-May-11	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
	21-Jun-11	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
	12-Jul-11	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
	23-Aug-11	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
	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<10	ND<5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	20-Sep-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	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-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<1	ND<0.5
	27-Nov-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<1	ND<0.5
	12-Dec-12	0.10 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.22 J	ND<0.5
RW-4	17-Feb-11	0.61 J	ND<1	0.76	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	0.82 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	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
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	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<10	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	8-Aug-12	0.90	0.11 J	2.6	0.25 J	ND<0.5	1.6	ND<0.5	0.14 J	ND<2	1.2	0.62	0.75 J	0.16 J
	18-Sep-12	0.95	0.15 J	2.2	0.24 J	ND<0.5	1.2	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.75	0.11 J	2.3	0.23 J	ND<0.5	1.3	ND<0.5	0.1 J	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Dec-12	0.96	0.14 J	2.1	0.24 J	ND<0.5	1.1	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.00	0.15 J	1.2	0.14 J	ND<0.5	0.49 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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)	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)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-5 [3/]	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	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
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	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
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	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<10	ND<5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	0.37 J	0.12 J
RW-6	17-Feb-11	1.6	ND<1	0.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.9	ND<1	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	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<10	ND<5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	2.2	0.10 J	1.2	0.35 J	ND<0.5	0.38 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	2.4	0.10 J	1.0	0.33 J	ND<0.5	0.36 J	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	2.3	0.10 J	0.9	0.26 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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)	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)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-7	17-Feb-11	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9/15/2011 [2/]	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	0.11 J	0.15 J	ND<0.5
	18-Sep-12	0.76	ND<0.5	0.21 J	0.26 J	ND<0.5	0.13 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.50	ND<0.5	0.14 J	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.89	ND<0.5	0.27 J	0.19 J	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.64	ND<0.5	0.18 J	0.26 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	0.70	ND<0.5	0.20 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-8 [3/]	17-Feb-11	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
	10-Mar-11	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
	12-Apr-11	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
	23-May-11	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
	21-Jun-11	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
	12-Jul-11	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
	23-Aug-11	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
	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<10	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	0.99 J	0.41 J
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	20-Sep-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	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-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<1	ND<0.5
	27-Nov-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<1	ND<0.5
	12-Dec-12	0.13 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	0.22 J	ND<0.5

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)	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)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-9 [3/]	17-Feb-11	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
	10-Mar-11	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
	12-Apr-11	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
	23-May-11	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
	21-Jun-11	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
	12-Jul-11	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
	23-Aug-11	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
	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<10	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	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	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	ND<0.5	ND<1	ND<0.5
	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	0.57 J	0.19 J
	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<1	ND<0.5
	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<1	ND<0.5
	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<1	ND<0.5
	19-Sep-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	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-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<1	ND<0.5
	27-Nov-12	0.16 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<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.23 J	ND<0.5

PCE: Tetrachloroethylene TCE: Trichloroethylene TCA: 1,1,1-Trichloroethane
MTBE: Methyl-tertiary-butyl-ether NS: Not sampled

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed
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.
[4/] RW-4 was not sampled because the well vault could not be opened due to ponding above the well vault caused by heavy rain fall.

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**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**135TMB**	**124TCB**	**124TMB**	**EB**	**Benzene**	**o-Xylenes**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**MC**	**Bromomethane**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1 [1/]**	**5**	**5**	**5 [1/]**	**5 [1/]**	**5 [1/]**	**5**	**1 [1/]**	**5**	**5**	**5**	**NE**	**5**	**5 [1/]**	**NE**
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	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	ND<1
10-Mar-11	**68**	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	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<5	ND<1	ND<1	ND<5	ND<5	ND<10	4.4 J,B	ND<5	4.0 J,B
11-Oct-11	**16**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	5.0 J,B	ND<5	--
8-Nov-11	**38**	0.41 J	0.18 J	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<0.5	ND<2
20-Dec-11	**74**	2.4	**12**	ND<0.5	0.34 J	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<0.5	ND<2
24-Jan-12	**52**	1.5 J	**6.6**	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<0.5	ND<20
14-Feb-12	**66**	2.0 J	**8.0**	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	ND<0.5	32.0
19-Mar-12	**37**	1.0	3.0	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<0.5	ND<2
10-Apr-12	**63**	1.0	1.8	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<0.5	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**290**	**14**	**170**	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	ND<0.5	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**52**	3.7	**10**	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<0.5	ND<2
10-Jul-12	**21**	2.2	**31**	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<0.5	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**48**	**15**	**150**	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<0.5	ND<2
4-Sep-12	**130**	**38**	**130**	0.35 J	ND<0.5	4.8	1.3	ND<0.5	ND<2	ND<0.5	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.32 J	2.4 B
19-Sep-12	**130**	**39**	**170**	0.32 J	0.8	5.8	1.4	ND<0.5	ND<2	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	0.10 J	ND<0.5	ND<2	ND<0.5	ND<2
31-Oct-12	**23**	**10**	**190**	ND<5	**8.0**	3.5	1.9	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	1.7	2.0	ND<20	ND<5	ND<20
18-Dec-12	**110**	**11**	**60**	0.16 J	**11**	3.9	2.2	ND<0.5	ND<2	ND<0.5	0.23 J	0.18 J	0.12 J	0.24 J	0.31 J	ND<0.5	ND<2	ND<0.5	3.5 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
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride
TCE: Trichloroethene
11DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene
112TCA: 1,1,2-Trichloroethane
cis12DCE: 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**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1 [1/]**	**5**	**5**	**5**	**NE**	**7**	**5**	**1 [1/]**	**5**	**NE**
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
4-Sep-12	**59**	**9.8**	**68**	0.15 J	ND<5	0.43 J	0.16 J	0.14 J	ND<2	0.48 J	0.28 J	0.33 J	ND<2	3.5 B
19-Sep-12	**69**	**13**	**42**	0.13 J	0.29 J	0.51	0.13 J	0.13 J	ND<2	0.44 J	0.31 J	0.31 J	ND<2	1.9 J,B
31-Oct-12	**65**	**11**	**25**	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1.5 J	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<10
18-Dec-12	**51**	**13**	**51**	0.14 J	0.65	0.50	0.17 J	ND<0.5	ND<2	0.10 J	0.26 J	0.33 J	ND<2	31 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
cis12DCE: 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
112TCA: 1,1,2-Trichloroethane

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**	**cis12DCE**	**VC**	**11DCA**	**TCA**	**135TMB**	**IPB**	**NPB**	**o-Xylene**	**EB**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**p-IPT**	**SBB**	**TBB**	**MC**	**Benzene**	**n-Butylbenzene**	**Acetone**
ARARs	**5**	**5**	**5**	**1 [1]**	**5**	**5**	**5 [1]**	**5 [1]**	**5 [1]**	**5**	**5**	**5**	**5**	**10 [1]**	**NE**	**5 [1]**		**5**			**NE**
The FRWs were restarted on January 20, 2011																					
20-Jan-11 (10:04 AM)	**7.6**	ND<1	**5.2**	ND<1	ND<1	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	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	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	ND<1	ND<1
10-Mar-11	**19**	2.6	**17**	ND<1	ND<1	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	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	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	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	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	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	ND<5	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.5 J,B	ND<5	ND<5	4.4 J,B
11-Oct-11	**28**	2.5	**15**	ND<5	ND<5	2.5 J	ND<5	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	--
8-Nov-11	**36**	0.78	3.0	ND<0.5	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	0.75 J,B	ND<0.5	ND<0.5	ND<2
20-Dec-11	**68**	4.3	**9.7**	0.28 J	0.21 J	0.74	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	0.43 J,B	ND<0.5	ND<0.5	ND<2
24-Jan-12	**23**	1.7	**12**	0.64	ND<0.5	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<0.5	ND<0.5	ND<2
14-Feb-12	**22**	1.3	3.4	0.33 J	ND<0.5	ND<0.5	0.27 J	1.8	1.4	ND<0.5	0.10 J	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<2
19-Mar-12	**12**	1.1	4.0	0.14 J	ND<0.5	ND<0.5	0.19 J	1.7	0.97	ND<0.5	0.18 J	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	ND<0.5	1.5 J,B	ND<0.5	ND<0.5	ND<2
10-Apr-12	**23**	1.0	**5.3**	0.16 J	ND<0.5	ND<0.5	0.18 J	1.6	0.99	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																					
17-May-12	**31**	**5.5**	**31**	**1.3**	0.20 J	0.18 J	ND<0.5	1.6	1.2	ND<0.5	0.11 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	2.8 B	ND<0.5	ND<0.5	2.6 B
The FRWs were restarted on June 7, 2012																					
20-Jun-12	**65**	2.5	2.9	ND<0.5	ND<0.5	0.30 J	0.15 J	2.0	1.3	0.13 J	0.15 J	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	ND<0.5	6.5 B	ND<0.5	ND<0.5	ND<2
10-Jul-12	**23**	4.2	3.1	0.26 J	ND<0.5	ND<0.5	0.17 J	1.8	1.3	ND<0.5	0.12 J	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																					
21-Aug-12	**32**	**8.2**	**41**	1.0	0.20 J	0.39 J	ND<0.5	0.70	0.46 J	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<2
4-Sep-12	**34**	**6.6**	**34**	ND<0.5	0.14 J	0.35 J	0.16 J	2.1	2.1	ND<0.5	ND<0.5	ND<0.5	0.43 J	0.12 J,B	0.18 J	0.17 J	0.12 J	0.27 J,B	0.26 J	0.13 J	2.0 B
19-Sep-12	**15**	**4.6**	**45**	0.92	0.14 J	0.29 J	ND<0.5	0.53	0.16 J	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	2.7 B
31-Oct-12	**25**	**8.8**	**37**	**1.5**	0.22 J	0.36 J	ND<1	0.68	0.3 J	ND<1	ND<1	ND<1	0.22 J	ND<4	ND<1	ND<1	ND<1	ND<4	0.44 J	ND<1	ND<4
18-Dec-12	**46**	**10**	**25**	**1.7**	0.30 J	0.43 J	ND<0.5	0.74	0.34 J	0.11 J	ND<0.5	0.23 J	0.13 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.49 J	ND<0.5	2.1

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
ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VC: Vinyl chloride
CM: Chloromethane

TCE: Trichloroethene
NPB: n-Propylbenzene
p-IPT: p-Isopropyltoluene
MC: Methylene chloride

cis12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
TBB: tert-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**	**cis12DCE**	**VC**	**TCA**	**IPB**	**NPB**	**NBB**	**m-&p-Xylenes**	**o-Xylene**	**Napthalene**	**MC**	**lorobenze**	**Acetone**
ARARs	**5**	**5**	**5**	**1** [1/]	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5**	**5**	**NE**	**5**		**NE**
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	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	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	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	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	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	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	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	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	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	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	ND<5	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	ND<5	--
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<0.5	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<0.5	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	ND<0.5	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<0.5	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	ND<0.5	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<0.5	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	ND<0.5	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<0.5	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<0.5	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<0.5	ND<2
4-Sep-12	**13**	0.64	**21**	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	1.5 J,B
19-Sep-12	**6.1**	0.33 J	**25**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	0.21 J	ND<2
31-Oct-12	2.3	ND<0.5	**14**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	2.8
18-Dec-12	0.36 J	0.13 J	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.29 J	0.14 J	ND<2	ND<2	ND<0.5	1.3 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

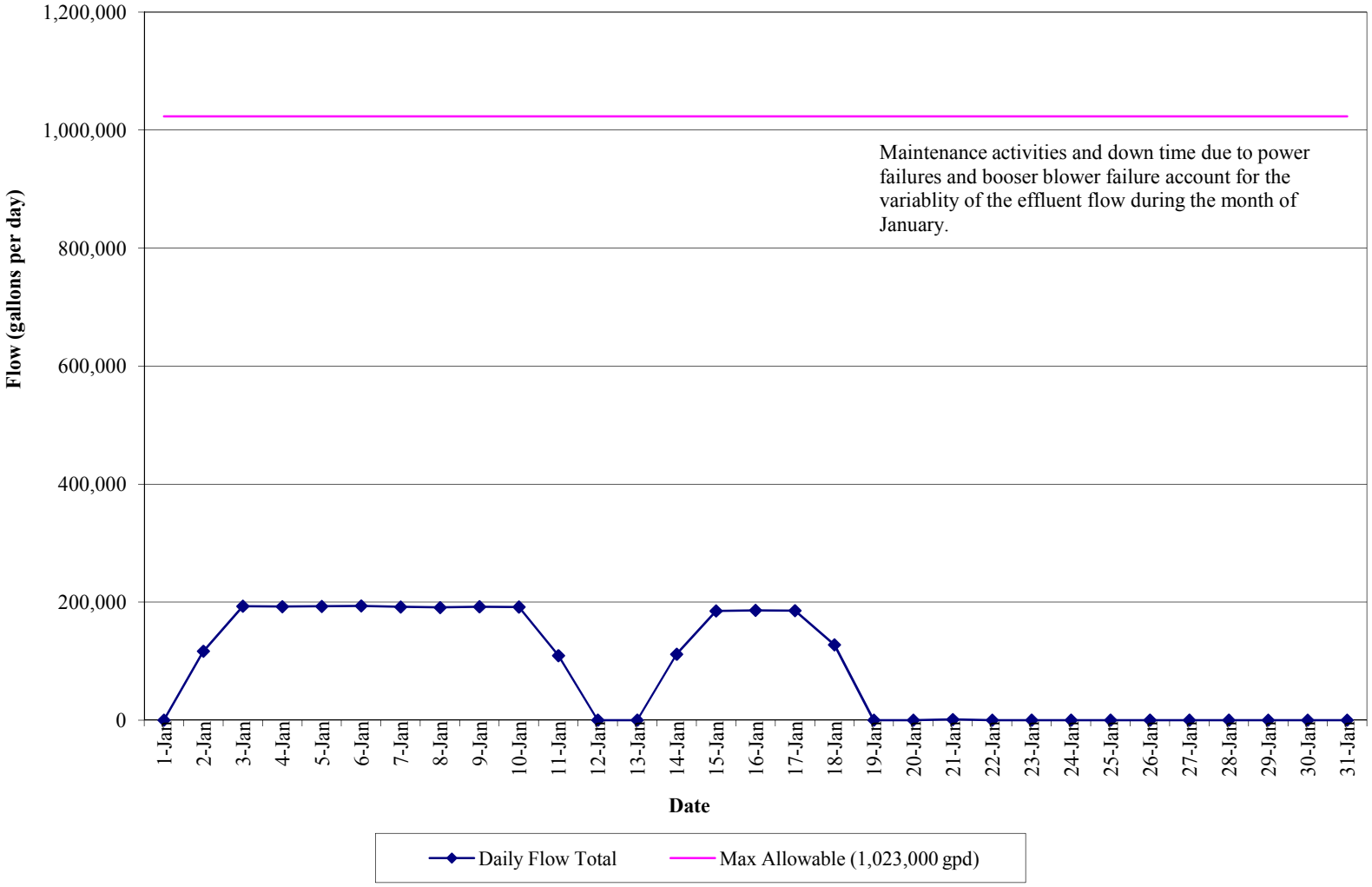
PCE: Tetrachloroethylene
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
TCA: 1,1,1-Trichloroethane
IPB: Isopropylbenzene
NPB: n-Propylbenzene
NBB: n-Butylbenzene
VC: Vinyl Chloride
MC: Metylene Chloride

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

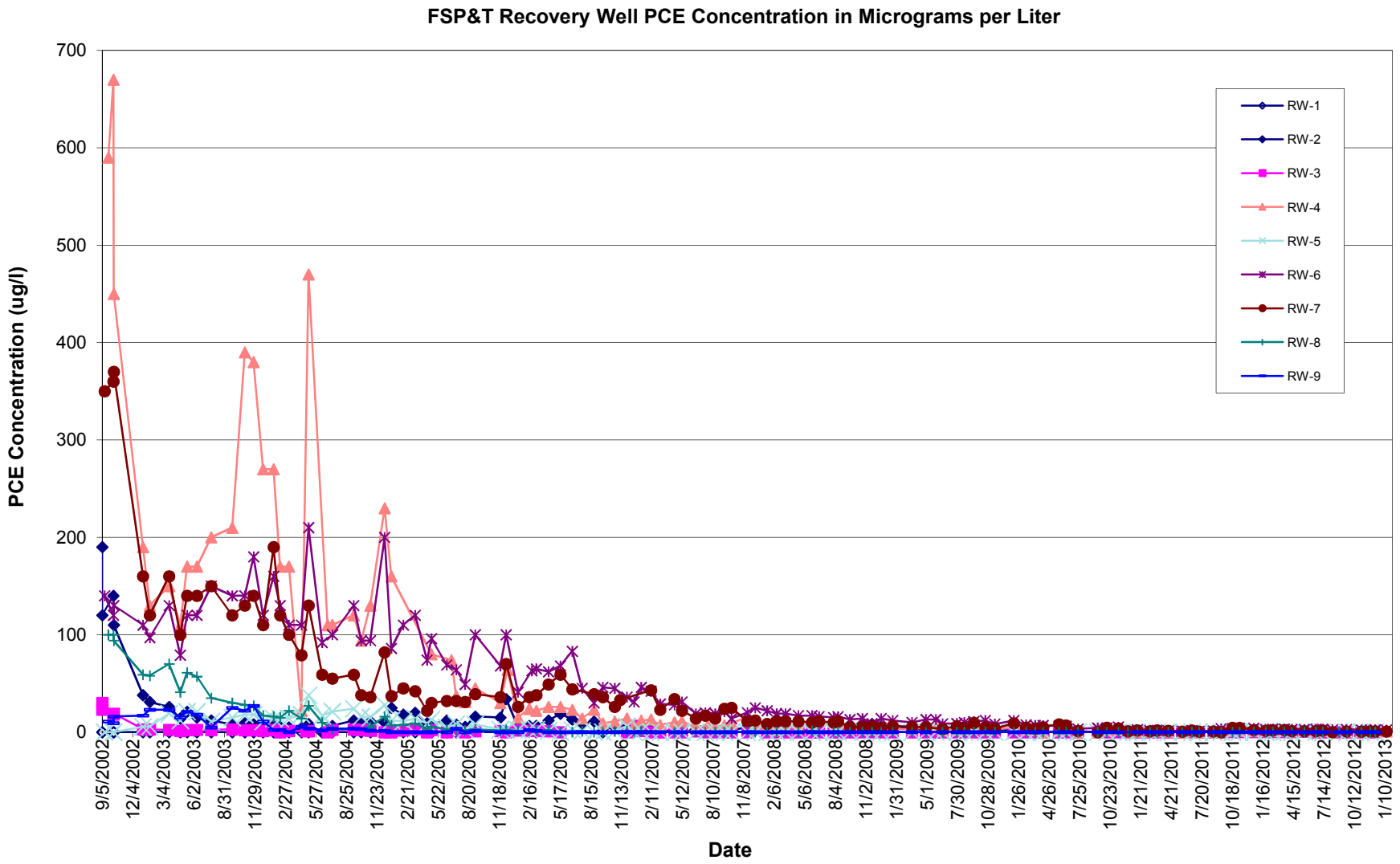
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(January 1, 2013 to January 31, 2013)



GRAPH 2

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



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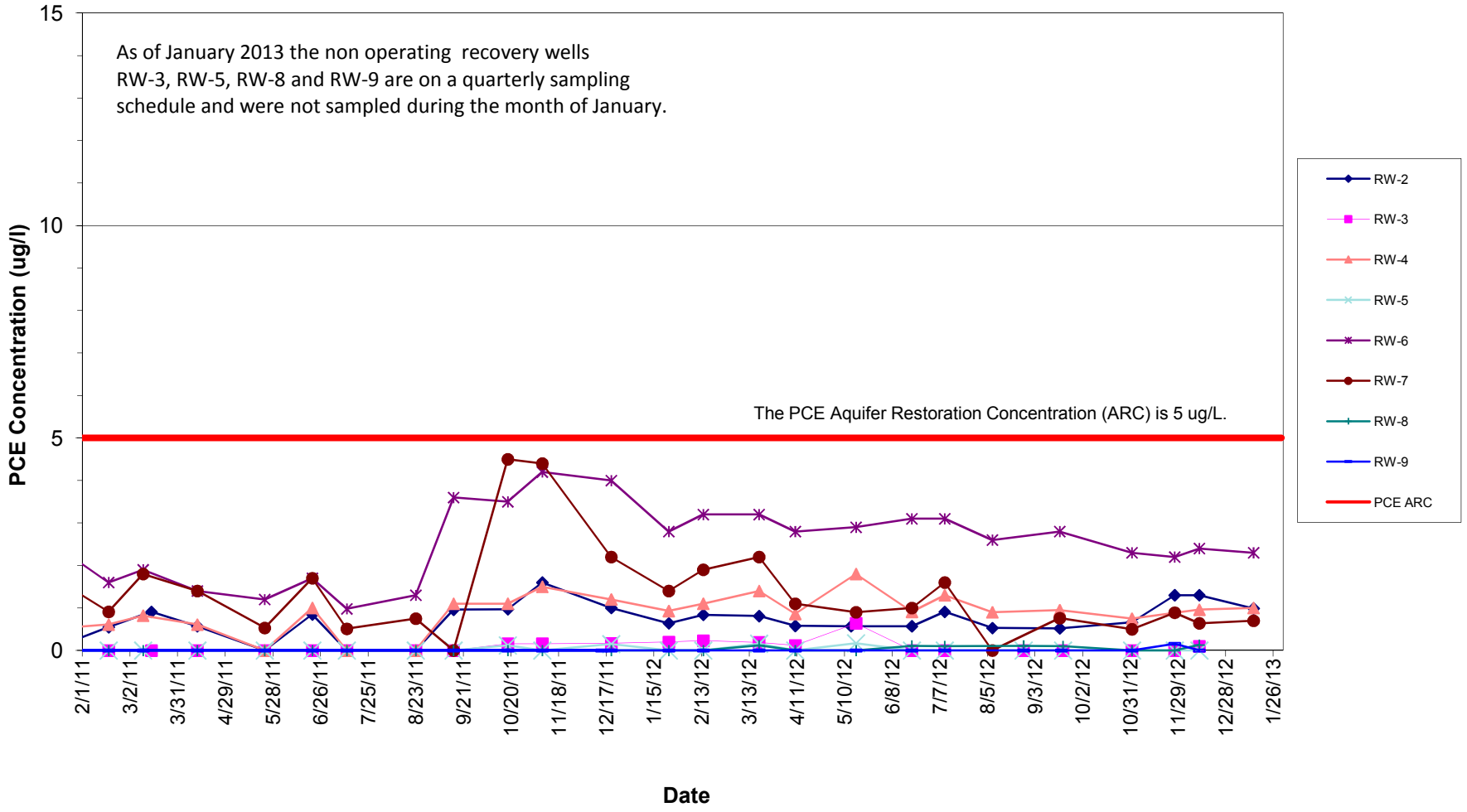
DischargeWaterQualityJan

LBG ENGINEERING SERVICES, P.C.

GRAPH 3

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

FSP&T Recovery Well PCE Concentration

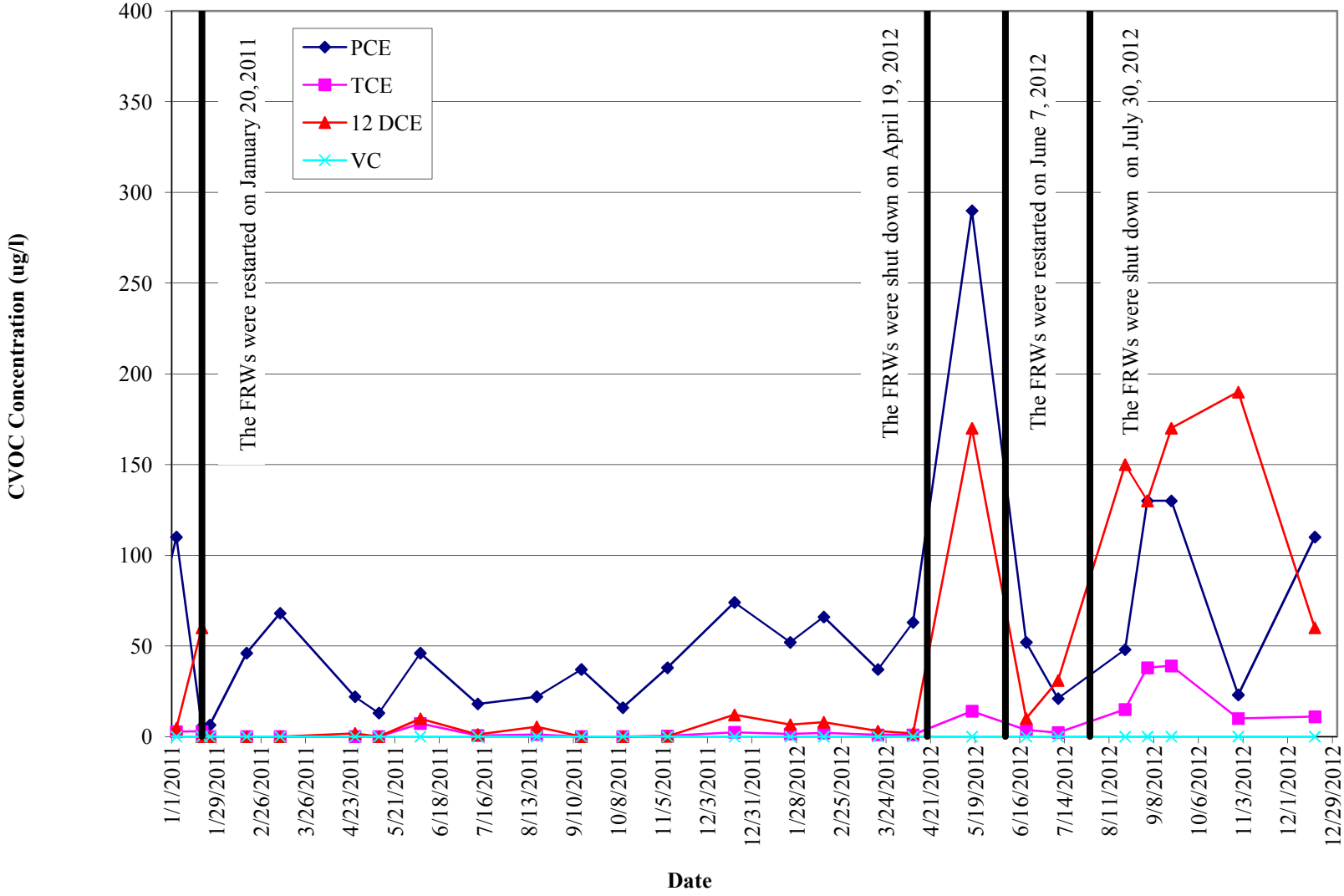


C:\Users\Nathalie\Desktop\Work\
DischargeWaterQualityJan

LBG ENGINEERING SERVICES, P.C.

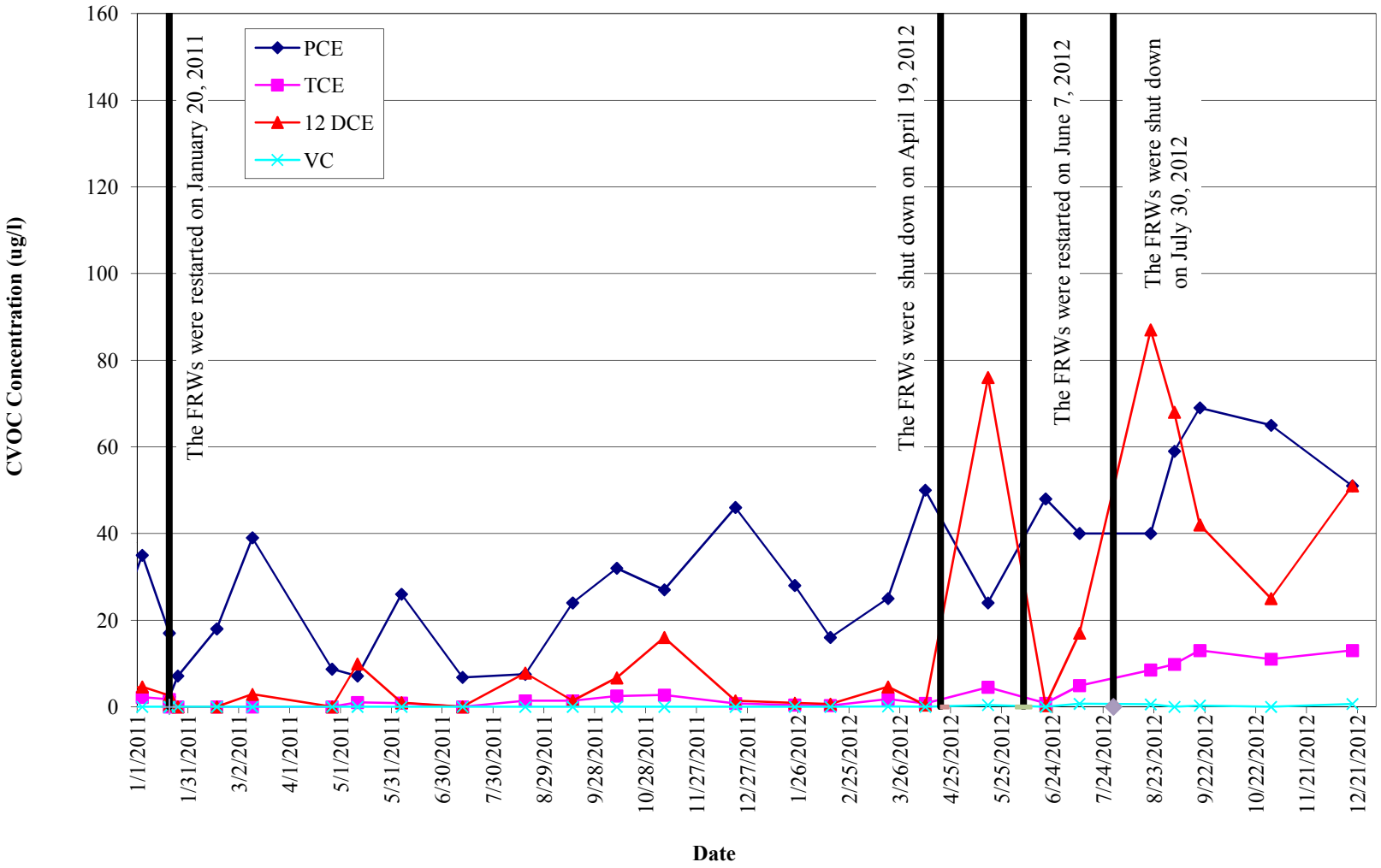
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



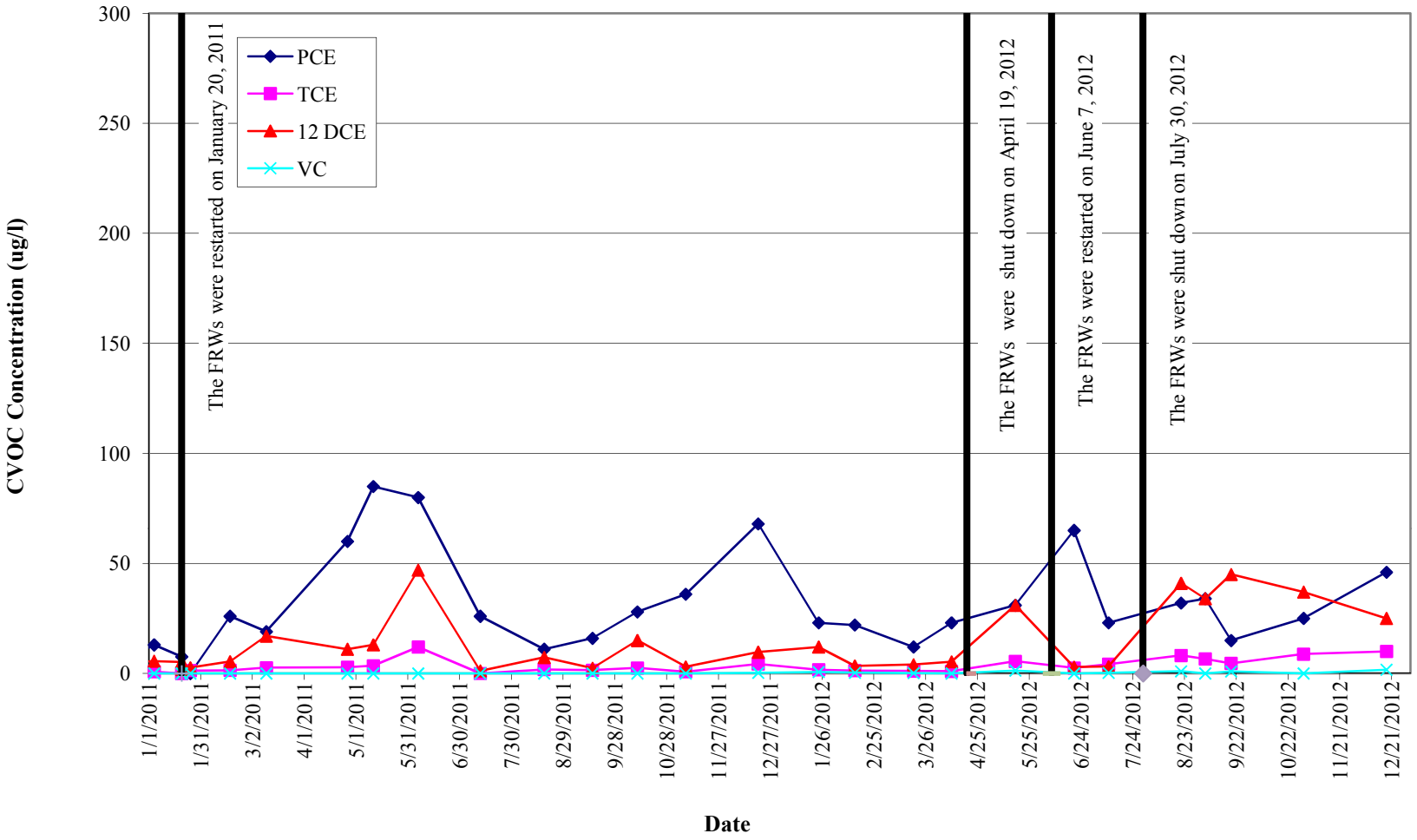
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



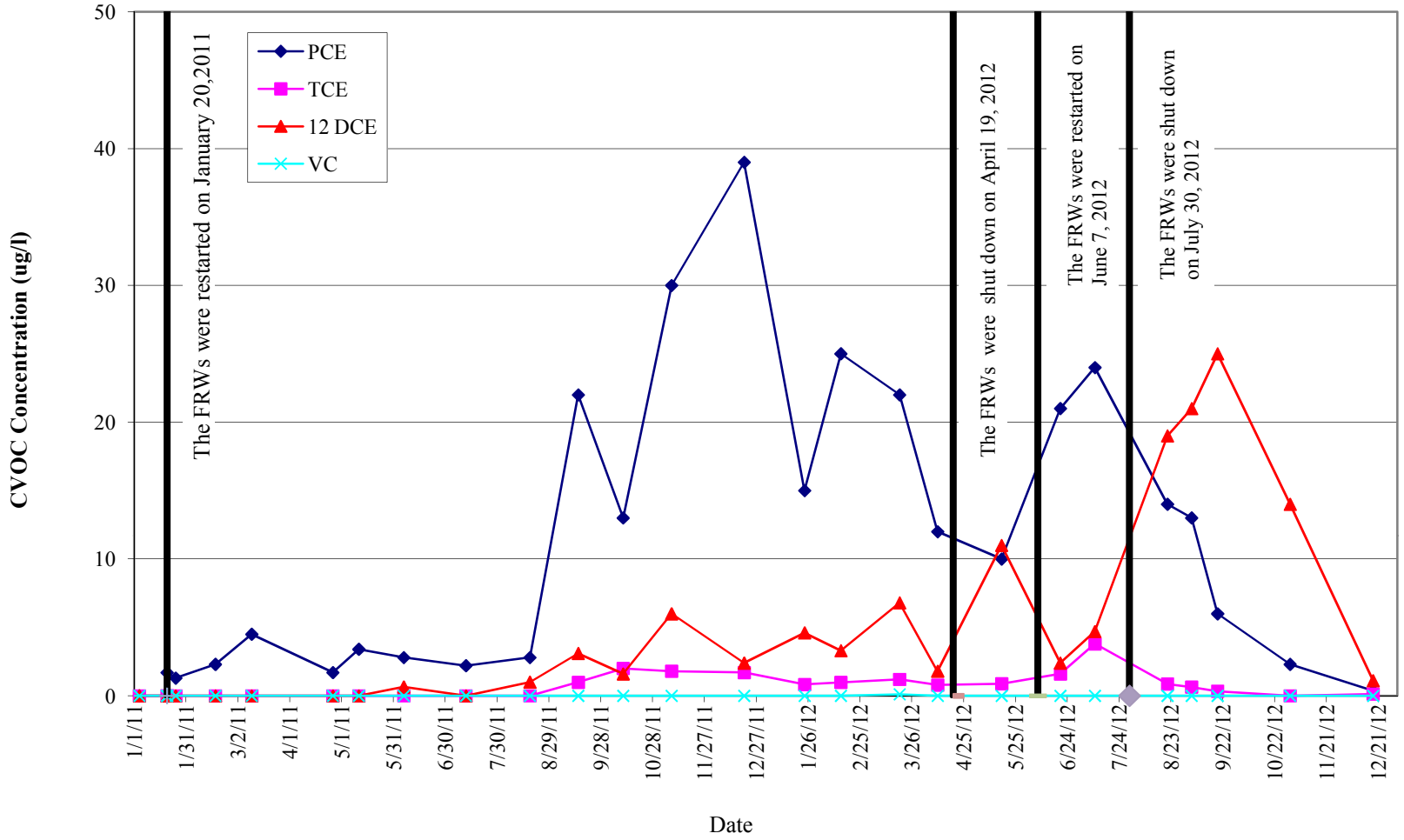
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

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
JANUARY 2013 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 Komuves-Sandor

Report Date: 01/10/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0110

Report Date: 01/10/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0110

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 January 04, 2013 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
13A0110-01	WQ010213:1030NP2-6	Water	01/02/2013	01/04/2013
13A0110-02	WQ010213:1035NP2-7	Water	01/02/2013	01/04/2013
13A0112-01	WQ010213:1040NP2-10	Water	01/02/2013	01/04/2013

General Notes for York Project (SDG) No.: 13A0110

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

Approved By: 

Date: 01/10/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ010213:1030NP2-6 **York Sample ID:** 13A0110-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:30 am	01/04/2013

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	01/09/2013 08:20	01/09/2013 19:38	SS
71-55-6	1,1,1-Trichloroethane	**0.39**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-34-3	1,1-Dichloroethane	**0.17**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
67-64-1	Acetone	**0.98**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS

Sample Information

Client Sample ID: WQ010213:1030NP2-6 **York Sample ID:** 13A0110-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:30 am	01/04/2013

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	01/09/2013 08:20	01/09/2013 19:38	SS
67-66-3	Chloroform	**0.11**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
127-18-4	Tetrachloroethylene	**1.2**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
79-01-6	Trichloroethylene	**0.15**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 19:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: WQ010213:1030NP2-6 **York Sample ID:** 13A0110-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:30 am	01/04/2013

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	**0.123**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 18:00	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	**2.00**		mg/L	0.0100	0.0200	1	EPA 200.7	01/07/2013 15:16	01/07/2013 18:05	MW

Sample Information

Client Sample ID: WQ010213:1035NP2-7 **York Sample ID:** 13A0110-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:35 am	01/04/2013

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	01/09/2013 08:20	01/09/2013 20:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS

Sample Information

Client Sample ID: WQ010213:1035NP2-7 **York Sample ID:** 13A0110-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:35 am	01/04/2013

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	01/09/2013 08:20	01/09/2013 20:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS

Sample Information

Client Sample ID: WQ010213:1035NP2-7 **York Sample ID:** 13A0110-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0110	Rowe Industries	Water	January 2, 2013 10:35 am	01/04/2013

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	01/09/2013 08:20	01/09/2013 20:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/09/2013 08:20	01/09/2013 20:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*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	**0.118**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 18:10	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	**2.04**		mg/L	0.0100	0.0200	1	EPA 200.7	01/07/2013 15:16	01/07/2013 18:15	MW

Sample Information

Client Sample ID: WQ010213:1040NP2-10 **York Sample ID:** 13A0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0112	Rowe Industries	Water	January 2, 2013 10:40 am	01/04/2013

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	01/09/2013 12:52	01/10/2013 03:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS

Sample Information

Client Sample ID: WQ010213:1040NP2-10 **York Sample ID:** 13A0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0112	Rowe Industries	Water	January 2, 2013 10:40 am	01/04/2013

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	01/09/2013 12:52	01/10/2013 03:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
67-64-1	Acetone	**1.1**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS

Sample Information

Client Sample ID: WQ010213:1040NP2-10 **York Sample ID:** 13A0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0112	Rowe Industries	Water	January 2, 2013 10:40 am	01/04/2013

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	01/09/2013 12:52	01/10/2013 03:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/09/2013 12:52	01/10/2013 03:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ010213:1040NP2-10 **York Sample ID:** 13A0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0112	Rowe Industries	Water	January 2, 2013 10:40 am	01/04/2013

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	0.0200	1	EPA SW846-6010B	01/07/2013 15:16	01/07/2013 18:20	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	**14.1**		mg/L	0.0100	0.0200	1	EPA 200.7	01/07/2013 15:16	01/07/2013 18:49	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	**185**		mg/L	1.00	1.00	1	SM 2540C	01/08/2013 11:47	01/08/2013 11:47	ALD

Analytical Batch Summary

Batch ID: BA30170 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13A0112-01	WQ010213:1040NP2-10	01/08/13
BA30170-BLK1	Blank	01/08/13
BA30170-DUP1	Duplicate	01/08/13

Batch ID: BA30173 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0110-01	WQ010213:1030NP2-6	01/07/13
13A0110-01	WQ010213:1030NP2-6	01/07/13
13A0110-02	WQ010213:1035NP2-7	01/07/13
13A0110-02	WQ010213:1035NP2-7	01/07/13
13A0112-01	WQ010213:1040NP2-10	01/07/13
13A0112-01	WQ010213:1040NP2-10	01/07/13
BA30173-BLK1	Blank	01/07/13
BA30173-BLK1	Blank	01/07/13
BA30173-DUP1	Duplicate	01/07/13
BA30173-DUP1	Duplicate	01/07/13
BA30173-MS1	Matrix Spike	01/07/13
BA30173-MS1	Matrix Spike	01/07/13
BA30173-SRM1	Reference	01/07/13
BA30173-SRM1	Reference	01/07/13

Batch ID: BA30264 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0110-01	WQ010213:1030NP2-6	01/09/13
13A0110-02	WQ010213:1035NP2-7	01/09/13
BA30264-BLK1	Blank	01/09/13
BA30264-BS1	LCS	01/09/13
BA30264-BSD1	LCS Dup	01/09/13

Batch ID: BA30266 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0112-01	WQ010213:1040NP2-10	01/09/13
BA30266-BLK1	Blank	01/09/13
BA30266-BS1	LCS	01/09/13
BA30266-BSD1	LCS Dup	01/09/13

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 BA30264 - EPA 5030B

Blank (BA30264-BLK1) — Prepared & Analyzed: 01/09/2013

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	1.0	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	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	"

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 BA30264 - EPA 5030B											
Blank (BA30264-BLK1)									Prepared & Analyzed: 01/09/2013		
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	*9.92*		*"*	*10.0*		*99.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BA30264-BS1)									Prepared & Analyzed: 01/09/2013		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137				
1,1,2,2-Tetrachloroethane	9.84		"	10.0		98.4	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	71.1-129				
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	10.1		"	10.0		101	75-136				
1,2,3-Trichlorobenzene	12.1		"	10.0		121	66.1-136				
1,2,3-Trichloropropane	8.76		"	10.0		87.6	63-131				
1,2,4-Trichlorobenzene	12.3		"	10.0		123	70.6-136				
1,2,4-Trimethylbenzene	11.5		"	10.0		115	75.3-135				
1,2-Dibromo-3-chloropropane	9.28		"	10.0		92.8	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.91		"	10.0		99.1	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127				
1,3-Dichlorobenzene	9.58		"	10.0		95.8	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	11.3		"	10.0		113	69-133				
2-Chlorotoluene	9.93		"	10.0		99.3	66.3-119				
2-Hexanone	10.9		"	10.0		109	70-130				
4-Chlorotoluene	10.2		"	10.0		102	69.2-127				
Acetone	8.62		"	10.0		86.2	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	10.2		"	10.0		102	70.5-141				
Bromomethane	9.57		"	10.0		95.7	43.9-147				
Carbon tetrachloride	10.8		"	10.0		108	78.1-138				
Chlorobenzene	10.5		"	10.0		105	80.4-125				
Chloroethane	10.0		"	10.0		100	55.8-140				
Chloroform	10.3		"	10.0		103	76.6-133				
Chloromethane	10.7		"	10.0		107	48.8-115				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	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 BA30264 - EPA 5030B											
LCS (BA30264-BS1)							Prepared & Analyzed: 01/09/2013				
Dibromochloromethane	10.8		ug/L	10.0		108	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.1		"	10.0		101	47.1-101				
Ethyl Benzene	10.9		"	10.0		109	80.8-128				
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	65.1-140				
Methylene chloride	10.1		"	10.0		101	61.3-120				
Naphthalene	11.8		"	10.0		118	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.3		"	10.0		103	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	21.9		"	20.0		109	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	10.5		"	10.0		105	71.5-125				
Styrene	13.4		"	10.0		134	77.8-123	High Bias			
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	10.8		"	10.0		108	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137				
Trichloroethylene	10.9		"	10.0		109	77.9-130				
Trichlorofluoromethane	10.7		"	10.0		107	57.4-133				
Vinyl Chloride	10.2		"	10.0		102	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.56*		*"*	*10.0*		*95.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.84*		*"*	*10.0*		*98.4*	*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 BA30264 - EPA 5030B											
LCS Dup (BA30264-BSD1)							Prepared & Analyzed: 01/09/2013				
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0		99.5	82.3-130		5.85	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		3.98	19.7	
1,1,2,2-Tetrachloroethane	9.62		"	10.0		96.2	71.3-131		2.26	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	71.1-129		0.426	21.7	
1,1,2-Trichloroethane	9.71		"	10.0		97.1	74.5-129		3.74	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		2.62	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		0.584	20	
1,1-Dichloropropylene	9.78		"	10.0		97.8	75-136		3.61	19.3	
1,2,3-Trichlorobenzene	11.8		"	10.0		118	66.1-136		3.18	21.6	
1,2,3-Trichloropropane	9.07		"	10.0		90.7	63-131		3.48	23.9	
1,2,4-Trichlorobenzene	11.6		"	10.0		116	70.6-136		5.86	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		7.86	18.8	
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	58.9-140		0.866	27.7	
1,2-Dibromoethane	9.64		"	10.0		96.4	79-130		7.01	23	
1,2-Dichlorobenzene	9.57		"	10.0		95.7	76.1-122		3.49	19.8	
1,2-Dichloroethane	9.47		"	10.0		94.7	74.6-132		4.94	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		2.32	20.7	
1,3,5-Trimethylbenzene	9.88		"	10.0		98.8	70.6-127		7.22	18.9	
1,3-Dichlorobenzene	9.19		"	10.0		91.9	77-124		4.16	19.2	
1,3-Dichloropropane	9.74		"	10.0		97.4	75.8-126		6.17	22.1	
1,4-Dichlorobenzene	9.90		"	10.0		99.0	76.6-125		3.77	18.6	
2,2-Dichloropropane	10.8		"	10.0		108	69-133		4.34	19.8	
2-Chlorotoluene	9.28		"	10.0		92.8	66.3-119		6.77	21.6	
2-Hexanone	10.4		"	10.0		104	70-130		4.51	30	
4-Chlorotoluene	9.65		"	10.0		96.5	69.2-127		5.74	19	
Acetone	8.87		"	10.0		88.7	70-130		2.86	30	
Benzene	9.96		"	10.0		99.6	76.2-129		4.03	19	
Bromobenzene	9.51		"	10.0		95.1	71.3-123		5.42	20.3	
Bromochloromethane	9.74		"	10.0		97.4	70.8-137		4.71	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		4.46	21	
Bromoform	10.1		"	10.0		101	70.5-141		1.57	21.8	
Bromomethane	9.81		"	10.0		98.1	43.9-147		2.48	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		5.04	20.1	
Chlorobenzene	9.69		"	10.0		96.9	80.4-125		8.12	19.9	
Chloroethane	10.0		"	10.0		100	55.8-140		0.0998	23.3	
Chloroform	10.1		"	10.0		101	76.6-133		2.36	20.3	
Chloromethane	9.88		"	10.0		98.8	48.8-115		7.69	24.5	
cis-1,2-Dichloroethylene	9.95		"	10.0		99.5	75.1-128		0.701	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		4.69	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		3.29	21.3	
Dibromomethane	9.88		"	10.0		98.8	79-130		3.68	22.4	
Dichlorodifluoromethane	9.18		"	10.0		91.8	47.1-101		9.44	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		8.10	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		7.72	20.6	
Isopropylbenzene	9.65		"	10.0		96.5	75.5-135		5.84	20	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140		2.63	23.6	
Methylene chloride	10.1		"	10.0		101	61.3-120		0.693	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		6.72	27.1	
n-Butylbenzene	9.87		"	10.0		98.7	67.2-123		8.91	19.1	
n-Propylbenzene	9.69		"	10.0		96.9	70.5-127		5.91	23.4	
o-Xylene	9.68		"	10.0		96.8	75.9-122		7.46	19.3	
p- & m- Xylenes	20.1		"	20.0		101	77.7-127		8.24	18.6	
p-Isopropyltoluene	9.99		"	10.0		99.9	75.6-129		7.98	19.1	
sec-Butylbenzene	9.74		"	10.0		97.4	71.5-125		7.41	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 BA30264 - EPA 5030B											
LCS Dup (BA30264-BSD1)								Prepared & Analyzed: 01/09/2013			
Styrene	12.4		ug/L	10.0		124	77.8-123	High Bias	7.53	20.9	
tert-Butylbenzene	9.77		"	10.0		97.7	75.9-151		5.96	20.9	
Tetrachloroethylene	9.98		"	10.0		99.8	63.6-167		7.52	27.7	
Toluene	9.98		"	10.0		99.8	77-123		5.74	18.7	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	76.3-139		1.10	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		4.90	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		5.28	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		1.13	21.4	
Vinyl Chloride	10.1		"	10.0		101	54.9-124		1.28	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BA30266 - EPA 5030B											
Blank (BA30266-BLK1)								Prepared: 01/09/2013 Analyzed: 01/10/2013			
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 BA30266 - EPA 5030B											
Blank (BA30266-BLK1)											
Prepared: 01/09/2013 Analyzed: 01/10/2013											
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	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	*9.93*		*"*	*10.0*		*99.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA30266 - EPA 5030B											
LCS (BA30266-BS1)							Prepared & Analyzed: 01/09/2013				
1,1,1,2-Tetrachloroethane	9.72		ug/L	10.0		97.2	82.3-130				
1,1,1-Trichloroethane	9.51		"	10.0		95.1	75.6-137				
1,1,2,2-Tetrachloroethane	8.97		"	10.0		89.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129				
1,1,2-Trichloroethane	9.56		"	10.0		95.6	74.5-129				
1,1-Dichloroethane	9.79		"	10.0		97.9	79.6-132				
1,1-Dichloroethylene	9.17		"	10.0		91.7	80.2-146				
1,1-Dichloropropylene	9.14		"	10.0		91.4	75-136				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	66.1-136				
1,2,3-Trichloropropane	8.41		"	10.0		84.1	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	9.04		"	10.0		90.4	75.3-135				
1,2-Dibromo-3-chloropropane	8.85		"	10.0		88.5	58.9-140				
1,2-Dibromoethane	9.51		"	10.0		95.1	79-130				
1,2-Dichlorobenzene	9.18		"	10.0		91.8	76.1-122				
1,2-Dichloroethane	9.24		"	10.0		92.4	74.6-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	76.9-129				
1,3,5-Trimethylbenzene	9.02		"	10.0		90.2	70.6-127				
1,3-Dichlorobenzene	8.65		"	10.0		86.5	77-124				
1,3-Dichloropropane	9.48		"	10.0		94.8	75.8-126				
1,4-Dichlorobenzene	9.31		"	10.0		93.1	76.6-125				
2,2-Dichloropropane	8.09		"	10.0		80.9	69-133				
2-Chlorotoluene	8.76		"	10.0		87.6	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	9.72		"	10.0		97.2	70-130				
Benzene	9.60		"	10.0		96.0	76.2-129				
Bromobenzene	8.93		"	10.0		89.3	71.3-123				
Bromochloromethane	9.33		"	10.0		93.3	70.8-137				
Bromodichloromethane	9.69		"	10.0		96.9	79.7-134				
Bromoform	9.23		"	10.0		92.3	70.5-141				
Bromomethane	8.39		"	10.0		83.9	43.9-147				
Carbon tetrachloride	9.64		"	10.0		96.4	78.1-138				
Chlorobenzene	9.57		"	10.0		95.7	80.4-125				
Chloroethane	9.43		"	10.0		94.3	55.8-140				
Chloroform	9.71		"	10.0		97.1	76.6-133				
Chloromethane	9.16		"	10.0		91.6	48.8-115				
cis-1,2-Dichloroethylene	9.67		"	10.0		96.7	75.1-128				
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	74.5-128				
Dibromochloromethane	9.91		"	10.0		99.1	79.8-134				
Dibromomethane	9.61		"	10.0		96.1	79-130				
Dichlorodifluoromethane	8.00		"	10.0		80.0	47.1-101				
Ethyl Benzene	9.92		"	10.0		99.2	80.8-128				
Hexachlorobutadiene	9.56		"	10.0		95.6	64.8-128				
Isopropylbenzene	9.01		"	10.0		90.1	75.5-135				
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	65.1-140				
Methylene chloride	9.95		"	10.0		99.5	61.3-120				
Naphthalene	10.5		"	10.0		105	62.3-148				
n-Butylbenzene	9.21		"	10.0		92.1	67.2-123				
n-Propylbenzene	9.01		"	10.0		90.1	70.5-127				
o-Xylene	9.50		"	10.0		95.0	75.9-122				
p- & m- Xylenes	19.6		"	20.0		97.8	77.7-127				
p-Isopropyltoluene	9.38		"	10.0		93.8	75.6-129				
sec-Butylbenzene	9.27		"	10.0		92.7	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 BA30266 - EPA 5030B											
LCS (BA30266-BS1)							Prepared & Analyzed: 01/09/2013				
Styrene	9.94		ug/L	10.0		99.4	77.8-123				
tert-Butylbenzene	9.23		"	10.0		92.3	75.9-151				
Tetrachloroethylene	9.75		"	10.0		97.5	63.6-167				
Toluene	9.73		"	10.0		97.3	77-123				
trans-1,2-Dichloroethylene	9.17		"	10.0		91.7	76.3-139				
trans-1,3-Dichloropropylene	9.60		"	10.0		96.0	72.5-137				
Trichloroethylene	9.93		"	10.0		99.3	77.9-130				
Trichlorofluoromethane	9.66		"	10.0		96.6	57.4-133				
Vinyl Chloride	9.17		"	10.0		91.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.57*		*"*	*10.0*		*95.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS Dup (BA30266-BSD1)							Prepared & Analyzed: 01/09/2013				
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82.3-130		0.103	21.1	
1,1,1-Trichloroethane	9.92		"	10.0		99.2	75.6-137		4.22	19.7	
1,1,2,2-Tetrachloroethane	9.58		"	10.0		95.8	71.3-131		6.58	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129		5.47	21.7	
1,1,2-Trichloroethane	9.25		"	10.0		92.5	74.5-129		3.30	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		2.82	20.6	
1,1-Dichloroethylene	9.75		"	10.0		97.5	80.2-146		6.13	20	
1,1-Dichloropropylene	9.41		"	10.0		94.1	75-136		2.91	19.3	
1,2,3-Trichlorobenzene	12.6		"	10.0		126	66.1-136		10.5	21.6	
1,2,3-Trichloropropane	8.63		"	10.0		86.3	63-131		2.58	23.9	
1,2,4-Trichlorobenzene	12.1		"	10.0		121	70.6-136		7.62	21.7	
1,2,4-Trimethylbenzene	9.24		"	10.0		92.4	75.3-135		2.19	18.8	
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	58.9-140		8.75	27.7	
1,2-Dibromoethane	9.50		"	10.0		95.0	79-130		0.105	23	
1,2-Dichlorobenzene	9.56		"	10.0		95.6	76.1-122		4.06	19.8	
1,2-Dichloroethane	9.54		"	10.0		95.4	74.6-132		3.19	20.2	
1,2-Dichloropropane	9.79		"	10.0		97.9	76.9-129		0.718	20.7	
1,3,5-Trimethylbenzene	9.19		"	10.0		91.9	70.6-127		1.87	18.9	
1,3-Dichlorobenzene	9.43		"	10.0		94.3	77-124		8.63	19.2	
1,3-Dichloropropane	9.50		"	10.0		95.0	75.8-126		0.211	22.1	
1,4-Dichlorobenzene	9.53		"	10.0		95.3	76.6-125		2.34	18.6	
2,2-Dichloropropane	8.30		"	10.0		83.0	69-133		2.56	19.8	
2-Chlorotoluene	9.00		"	10.0		90.0	66.3-119		2.70	21.6	
2-Hexanone	10.7		"	10.0		107	70-130		2.46	30	
4-Chlorotoluene	9.25		"	10.0		92.5	69.2-127		1.97	19	
Acetone	11.3		"	10.0		113	70-130		14.9	30	
Benzene	9.97		"	10.0		99.7	76.2-129		3.78	19	
Bromobenzene	9.14		"	10.0		91.4	71.3-123		2.32	20.3	
Bromochloromethane	9.52		"	10.0		95.2	70.8-137		2.02	23.9	
Bromodichloromethane	9.69		"	10.0		96.9	79.7-134		0.00	21	
Bromoform	9.58		"	10.0		95.8	70.5-141		3.72	21.8	
Bromomethane	8.83		"	10.0		88.3	43.9-147		5.11	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		4.26	20.1	
Chlorobenzene	9.65		"	10.0		96.5	80.4-125		0.832	19.9	
Chloroethane	9.50		"	10.0		95.0	55.8-140		0.740	23.3	
Chloroform	9.93		"	10.0		99.3	76.6-133		2.24	20.3	
Chloromethane	9.49		"	10.0		94.9	48.8-115		3.54	24.5	
cis-1,2-Dichloroethylene	9.84		"	10.0		98.4	75.1-128		1.74	20.5	
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	74.5-128		1.82	19.9	
Dibromochloromethane	9.81		"	10.0		98.1	79.8-134		1.01	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 BA30266 - EPA 5030B											
LCS Dup (BA30266-BSD1)							Prepared & Analyzed: 01/09/2013				
Dibromomethane	9.55		ug/L	10.0		95.5	79-130		0.626	22.4	
Dichlorodifluoromethane	8.25		"	10.0		82.5	47.1-101		3.08	23.9	
Ethyl Benzene	10.0		"	10.0		100	80.8-128		1.00	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		4.10	20.6	
Isopropylbenzene	9.33		"	10.0		93.3	75.5-135		3.49	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		8.53	23.6	
Methylene chloride	9.62		"	10.0		96.2	61.3-120		3.37	20.4	
Naphthalene	11.8		"	10.0		118	62.3-148		11.1	27.1	
n-Butylbenzene	9.62		"	10.0		96.2	67.2-123		4.35	19.1	
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127		3.28	23.4	
o-Xylene	9.58		"	10.0		95.8	75.9-122		0.839	19.3	
p- & m- Xylenes	19.7		"	20.0		98.4	77.7-127		0.612	18.6	
p-Isopropyltoluene	9.59		"	10.0		95.9	75.6-129		2.21	19.1	
sec-Butylbenzene	9.41		"	10.0		94.1	71.5-125		1.50	18.9	
Styrene	10.1		"	10.0		101	77.8-123		1.30	20.9	
tert-Butylbenzene	9.28		"	10.0		92.8	75.9-151		0.540	20.9	
Tetrachloroethylene	9.74		"	10.0		97.4	63.6-167		0.103	27.7	
Toluene	9.81		"	10.0		98.1	77-123		0.819	18.7	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		9.36	19.5	
trans-1,3-Dichloropropylene	9.54		"	10.0		95.4	72.5-137		0.627	19.3	
Trichloroethylene	9.87		"	10.0		98.7	77.9-130		0.606	20.5	
Trichlorofluoromethane	10.1		"	10.0		101	57.4-133		4.45	21.4	
Vinyl Chloride	9.70		"	10.0		97.0	54.9-124		5.62	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*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 BA30173 - EPA 3010A											
Blank (BA30173-BLK1)								Prepared & Analyzed: 01/07/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BA30173-DUP1)	*Source sample: 13A0112-01 (WQ010213:1040NP2-10)							Prepared & Analyzed: 01/07/2013			
Iron - Dissolved	0.0121	0.0200	mg/L		0.0118				2.51	20	
Matrix Spike (BA30173-MS1)	*Source sample: 13A0112-01 (WQ010213:1040NP2-10)							Prepared & Analyzed: 01/07/2013			
Iron - Dissolved	1.05	0.0200	mg/L	1.00	0.0118	104	75-125				
Reference (BA30173-SRM1)								Prepared & Analyzed: 01/07/2013			
Iron - Dissolved	0.470	0.0200	mg/L	0.462		102	87.9-114				

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 BA30173 - EPA 3010A											
Blank (BA30173-BLK1)								Prepared & Analyzed: 01/07/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BA30173-DUP1)	*Source sample: 13A0112-01 (WQ010213:1040NP2-10)							Prepared & Analyzed: 01/07/2013			
Iron	14.1	0.0200	mg/L		14.1				0.142	20	
Matrix Spike (BA30173-MS1)	*Source sample: 13A0112-01 (WQ010213:1040NP2-10)							Prepared & Analyzed: 01/07/2013			
Iron	14.9	0.0200	mg/L	1.00	14.1	82.0	75-125				
Reference (BA30173-SRM1)								Prepared & Analyzed: 01/07/2013			
Iron	0.470	0.0200	mg/L	0.462		102	87.9-114				

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 BA30170 - % Solids Prep											
Blank (BA30170-BLK1)								Prepared & Analyzed: 01/08/2013			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BA30170-DUP1)	*Source sample: 13A0112-01 (WQ010213:1040NP2-10)							Prepared & Analyzed: 01/08/2013			
Total Dissolved Solids	187	1.00	mg/L		185				1.08	15	

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0110-01	WQ010213:1030NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0110-02	WQ010213:1035NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0112-01	WQ010213:1040NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 13A0110

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:	Purchase Order No. HABSAG.	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 ☐	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) X	NY ASP B Package NP2-10 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)

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	Index 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)
WQ010213:1030:NP2-6	1/2/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2v 2P
WQ010213:1035:NP2-7	1035	GW	↓	2v 2P
WQ010213:1040:NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 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

MS / Refrigerator 1/4/13 1552 — Samples Relinquished By — Date/Time
Samples Relinquished By — Date/Time

Chris C 1-4-13 12:55 — Samples Received By — Date/Time
PGrace 1-4-13 1530 — Samples Received in LAB by — Date/Time

Temperature on Receipt 4.0°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. 13A0112

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.
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 NP2-10 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)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
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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-Expanded Pb Baseline Petrol	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Fuel Gas	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Trivlv. 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)
WQ010213:1030NP2-6	1/2/13 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ010213:1035NP2-7	1035	GW	↓	2v 2P
WQ010213:1040NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 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 ___

MS / Refrigerator 1/4/13 1652
Samples Relinquished By Date/Time

Chris 1-4-13 1255
Samples Received By Date/Time

Samples Relinquished By Date/Time

Peace 1-4-13 1530
Samples Received in LAB by Date/Time

Temperature on Receipt 4.0°C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 01/14/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0260

Report Date: 01/14/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0260

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 January 09, 2013 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
13A0260-01	WQ010713:1100NP2-6	Water	01/07/2013	01/09/2013
13A0260-02	WQ010713:1105NP2-7	Water	01/07/2013	01/09/2013
13A0261-01	WQ010713:1110NP2-10	Water	01/07/2013	01/09/2013

General Notes for York Project (SDG) No.: 13A0260

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

Approved By: 

Date: 01/14/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ010713:1100NP2-6 **York Sample ID:** 13A0260-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:00 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 14:08	SS
71-55-6	1,1,1-Trichloroethane	**0.49**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-34-3	1,1-Dichloroethane	**0.25**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS

Sample Information

Client Sample ID: WQ010713:1100NP2-6 **York Sample ID:** 13A0260-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:00 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 14:08	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
67-66-3	Chloroform	**0.18**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
156-59-2	cis-1,2-Dichloroethylene	**0.19**	J	ug/L	0.069	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-09-2	Methylene chloride	**1.6**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
127-18-4	Tetrachloroethylene	**0.80**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
79-01-6	Trichloroethylene	**0.18**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ010713:1100NP2-6 **York Sample ID:** 13A0260-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:00 am	01/09/2013

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	0.0200	1	EPA SW846-6010B	01/10/2013 15:37	01/10/2013 18:06	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	**0.708**		mg/L	0.0100	0.0200	1	EPA 200.7	01/10/2013 15:37	01/10/2013 18:23	MW

Sample Information

Client Sample ID: WQ010713:1105NP2-7 **York Sample ID:** 13A0260-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:05 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 14:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS

Sample Information

Client Sample ID: WQ010713:1105NP2-7 **York Sample ID:** 13A0260-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:05 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 14:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-09-2	Methylene chloride	**1.5**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS

Sample Information

Client Sample ID: WQ010713:1105NP2-7 **York Sample ID:** 13A0260-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0260	Rowe Industries	Water	January 7, 2013 11:05 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 14:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 14:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*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	**0.0521**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/10/2013 15:37	01/10/2013 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	**0.149**		mg/L	0.0100	0.0200	1	EPA 200.7	01/10/2013 15:37	01/10/2013 18:32	MW

Sample Information

Client Sample ID: WQ010713:1110NP2-10 **York Sample ID:** 13A0261-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0261	Rowe Industries	Water	January 7, 2013 11:10 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 15:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS

Sample Information

Client Sample ID: WQ010713:1110NP2-10 **York Sample ID:** 13A0261-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0261	Rowe Industries	Water	January 7, 2013 11:10 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 15:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS

Sample Information

Client Sample ID: WQ010713:1110NP2-10 **York Sample ID:** 13A0261-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0261	Rowe Industries	Water	January 7, 2013 11:10 am	01/09/2013

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	01/11/2013 08:22	01/11/2013 15:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-09-2	Methylene chloride	**1.4**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/11/2013 08:22	01/11/2013 15:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ010713:1110NP2-10 **York Sample ID:** 13A0261-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0261	Rowe Industries	Water	January 7, 2013 11:10 am	01/09/2013

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	**0.0657**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/10/2013 15:37	01/10/2013 18:37	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	**0.763**		mg/L	0.0100	0.0200	1	EPA 200.7	01/10/2013 15:37	01/10/2013 18:42	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	**119**		mg/L	1.00	1.00	1	SM 2540C	01/14/2013 09:31	01/14/2013 09:31	ALD

Analytical Batch Summary

Batch ID: BA30336 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0260-01	WQ010713:1100NP2-6	01/10/13
13A0260-01	WQ010713:1100NP2-6	01/10/13
13A0260-02	WQ010713:1105NP2-7	01/10/13
13A0260-02	WQ010713:1105NP2-7	01/10/13
13A0261-01	WQ010713:1110NP2-10	01/10/13
13A0261-01	WQ010713:1110NP2-10	01/10/13
BA30336-BLK1	Blank	01/10/13
BA30336-BLK1	Blank	01/10/13
BA30336-SRM1	Reference	01/10/13
BA30336-SRM1	Reference	01/10/13

Batch ID: BA30356 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0260-01	WQ010713:1100NP2-6	01/11/13
13A0260-02	WQ010713:1105NP2-7	01/11/13
13A0261-01	WQ010713:1110NP2-10	01/11/13
BA30356-BLK1	Blank	01/11/13
BA30356-BS1	LCS	01/11/13
BA30356-BSD1	LCS Dup	01/11/13

Batch ID: BA30385 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13A0261-01	WQ010713:1110NP2-10	01/14/13
BA30385-BLK1	Blank	01/14/13

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 BA30356 - EPA 5030B											
Blank (BA30356-BLK1)											Prepared & Analyzed: 01/11/2013
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	0.94	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	4.3	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	"								

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 BA30356 - EPA 5030B											
Blank (BA30356-BLK1)								Prepared & Analyzed: 01/11/2013			
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	*9.84*		*"*	*10.0*		*98.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81.2-127*				
LCS (BA30356-BS1)								Prepared & Analyzed: 01/11/2013			
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82.3-130				
1,1,1-Trichloroethane	9.79		"	10.0		97.9	75.6-137				
1,1,2,2-Tetrachloroethane	9.06		"	10.0		90.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.92		"	10.0		99.2	71.1-129				
1,1,2-Trichloroethane	9.40		"	10.0		94.0	74.5-129				
1,1-Dichloroethane	9.76		"	10.0		97.6	79.6-132				
1,1-Dichloroethylene	9.90		"	10.0		99.0	80.2-146				
1,1-Dichloropropylene	9.97		"	10.0		99.7	75-136				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136				
1,2,3-Trichloropropane	8.35		"	10.0		83.5	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135				
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	58.9-140				
1,2-Dibromoethane	9.69		"	10.0		96.9	79-130				
1,2-Dichlorobenzene	9.30		"	10.0		93.0	76.1-122				
1,2-Dichloroethane	9.59		"	10.0		95.9	74.6-132				
1,2-Dichloropropane	9.45		"	10.0		94.5	76.9-129				
1,3,5-Trimethylbenzene	9.91		"	10.0		99.1	70.6-127				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	77-124				
1,3-Dichloropropane	9.55		"	10.0		95.5	75.8-126				
1,4-Dichlorobenzene	9.58		"	10.0		95.8	76.6-125				
2,2-Dichloropropane	10.6		"	10.0		106	69-133				
2-Chlorotoluene	9.46		"	10.0		94.6	66.3-119				
2-Hexanone	9.65		"	10.0		96.5	70-130				
4-Chlorotoluene	9.44		"	10.0		94.4	69.2-127				
Acetone	9.42		"	10.0		94.2	70-130				
Benzene	9.80		"	10.0		98.0	76.2-129				
Bromobenzene	9.33		"	10.0		93.3	71.3-123				
Bromochloromethane	9.62		"	10.0		96.2	70.8-137				
Bromodichloromethane	9.50		"	10.0		95.0	79.7-134				
Bromoform	9.09		"	10.0		90.9	70.5-141				
Bromomethane	9.55		"	10.0		95.5	43.9-147				
Carbon tetrachloride	9.90		"	10.0		99.0	78.1-138				
Chlorobenzene	9.54		"	10.0		95.4	80.4-125				
Chloroethane	8.87		"	10.0		88.7	55.8-140				
Chloroform	9.90		"	10.0		99.0	76.6-133				
Chloromethane	8.47		"	10.0		84.7	48.8-115				
cis-1,2-Dichloroethylene	9.91		"	10.0		99.1	75.1-128				
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	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 BA30356 - EPA 5030B											
LCS (BA30356-BS1)								Prepared & Analyzed: 01/11/2013			
Dibromochloromethane	9.57		ug/L	10.0		95.7	79.8-134				
Dibromomethane	9.39		"	10.0		93.9	79-130				
Dichlorodifluoromethane	6.81		"	10.0		68.1	47.1-101				
Ethyl Benzene	9.79		"	10.0		97.9	80.8-128				
Hexachlorobutadiene	9.58		"	10.0		95.8	64.8-128				
Isopropylbenzene	9.60		"	10.0		96.0	75.5-135				
Methyl tert-butyl ether (MTBE)	9.47		"	10.0		94.7	65.1-140				
Methylene chloride	14.0		"	10.0		140	61.3-120	High Bias			
Naphthalene	10.2		"	10.0		102	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	9.73		"	10.0		97.3	70.5-127				
o-Xylene	9.79		"	10.0		97.9	75.9-122				
p- & m- Xylenes	19.8		"	20.0		99.2	77.7-127				
p-Isopropyltoluene	9.85		"	10.0		98.5	75.6-129				
sec-Butylbenzene	9.60		"	10.0		96.0	71.5-125				
Styrene	11.8		"	10.0		118	77.8-123				
tert-Butylbenzene	9.54		"	10.0		95.4	75.9-151				
Tetrachloroethylene	9.56		"	10.0		95.6	63.6-167				
Toluene	9.65		"	10.0		96.5	77-123				
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	76.3-139				
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	72.5-137				
Trichloroethylene	9.64		"	10.0		96.4	77.9-130				
Trichlorofluoromethane	9.54		"	10.0		95.4	57.4-133				
Vinyl Chloride	8.89		"	10.0		88.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.87*		*"*	*10.0*		*98.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*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 BA30356 - EPA 5030B											
LCS Dup (BA30356-BSD1)							Prepared & Analyzed: 01/11/2013				
1,1,1,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	82.3-130		2.38	21.1	
1,1,1-Trichloroethane	9.75		"	10.0		97.5	75.6-137		0.409	19.7	
1,1,2,2-Tetrachloroethane	8.90		"	10.0		89.0	71.3-131		1.78	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.89		"	10.0		98.9	71.1-129		0.303	21.7	
1,1,2-Trichloroethane	9.39		"	10.0		93.9	74.5-129		0.106	20.3	
1,1-Dichloroethane	9.55		"	10.0		95.5	79.6-132		2.18	20.6	
1,1-Dichloroethylene	9.77		"	10.0		97.7	80.2-146		1.32	20	
1,1-Dichloropropylene	9.71		"	10.0		97.1	75-136		2.64	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		5.68	21.6	
1,2,3-Trichloropropane	8.32		"	10.0		83.2	63-131		0.360	23.9	
1,2,4-Trichlorobenzene	10.6		"	10.0		106	70.6-136		5.67	21.7	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	75.3-135		1.85	18.8	
1,2-Dibromo-3-chloropropane	8.34		"	10.0		83.4	58.9-140		11.0	27.7	
1,2-Dibromoethane	9.32		"	10.0		93.2	79-130		3.89	23	
1,2-Dichlorobenzene	9.24		"	10.0		92.4	76.1-122		0.647	19.8	
1,2-Dichloroethane	9.12		"	10.0		91.2	74.6-132		5.02	20.2	
1,2-Dichloropropane	9.73		"	10.0		97.3	76.9-129		2.92	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		3.08	18.9	
1,3-Dichlorobenzene	9.50		"	10.0		95.0	77-124		0.952	19.2	
1,3-Dichloropropane	9.44		"	10.0		94.4	75.8-126		1.16	22.1	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	76.6-125		0.417	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		2.67	19.8	
2-Chlorotoluene	9.78		"	10.0		97.8	66.3-119		3.33	21.6	
2-Hexanone	8.89		"	10.0		88.9	70-130		8.20	30	
4-Chlorotoluene	9.70		"	10.0		97.0	69.2-127		2.72	19	
Acetone	7.46		"	10.0		74.6	70-130		23.2	30	
Benzene	9.70		"	10.0		97.0	76.2-129		1.03	19	
Bromobenzene	9.42		"	10.0		94.2	71.3-123		0.960	20.3	
Bromochloromethane	9.09		"	10.0		90.9	70.8-137		5.67	23.9	
Bromodichloromethane	9.77		"	10.0		97.7	79.7-134		2.80	21	
Bromoform	8.99		"	10.0		89.9	70.5-141		1.11	21.8	
Bromomethane	9.52		"	10.0		95.2	43.9-147		0.315	28.4	
Carbon tetrachloride	9.69		"	10.0		96.9	78.1-138		2.14	20.1	
Chlorobenzene	9.49		"	10.0		94.9	80.4-125		0.525	19.9	
Chloroethane	9.13		"	10.0		91.3	55.8-140		2.89	23.3	
Chloroform	9.70		"	10.0		97.0	76.6-133		2.04	20.3	
Chloromethane	8.42		"	10.0		84.2	48.8-115		0.592	24.5	
cis-1,2-Dichloroethylene	9.67		"	10.0		96.7	75.1-128		2.45	20.5	
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	74.5-128		0.101	19.9	
Dibromochloromethane	9.51		"	10.0		95.1	79.8-134		0.629	21.3	
Dibromomethane	9.26		"	10.0		92.6	79-130		1.39	22.4	
Dichlorodifluoromethane	6.57		"	10.0		65.7	47.1-101		3.59	23.9	
Ethyl Benzene	9.78		"	10.0		97.8	80.8-128		0.102	19.2	
Hexachlorobutadiene	9.94		"	10.0		99.4	64.8-128		3.69	20.6	
Isopropylbenzene	9.90		"	10.0		99.0	75.5-135		3.08	20	
Methyl tert-butyl ether (MTBE)	8.84		"	10.0		88.4	65.1-140		6.88	23.6	
Methylene chloride	13.2		"	10.0		132	61.3-120	High Bias	6.32	20.4	
Naphthalene	9.70		"	10.0		97.0	62.3-148		5.22	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		2.12	19.1	
n-Propylbenzene	10.1		"	10.0		101	70.5-127		3.34	23.4	
o-Xylene	9.76		"	10.0		97.6	75.9-122		0.307	19.3	
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127		0.151	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.39	19.1	
sec-Butylbenzene	9.92		"	10.0		99.2	71.5-125		3.28	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 BA30356 - EPA 5030B											
LCS Dup (BA30356-BSD1)							Prepared & Analyzed: 01/11/2013				
Styrene	11.5		ug/L	10.0		115	77.8-123		3.01	20.9	
tert-Butylbenzene	9.93		"	10.0		99.3	75.9-151		4.01	20.9	
Tetrachloroethylene	9.95		"	10.0		99.5	63.6-167		4.00	27.7	
Toluene	10.0		"	10.0		100	77-123		4.06	18.7	
trans-1,2-Dichloroethylene	9.59		"	10.0		95.9	76.3-139		1.55	19.5	
trans-1,3-Dichloropropylene	9.68		"	10.0		96.8	72.5-137		0.721	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		5.25	20.5	
Trichlorofluoromethane	9.17		"	10.0		91.7	57.4-133		3.96	21.4	
Vinyl Chloride	8.84		"	10.0		88.4	54.9-124		0.564	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.28*		*"*	*10.0*		*92.8*	*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*				

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 BA30336 - EPA 3010A											
Blank (BA30336-BLK1)								Prepared & Analyzed: 01/10/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BA30336-SRM1)								Prepared & Analyzed: 01/10/2013			
Iron - Dissolved	0.434	0.0200	mg/L	0.462		93.9	87.9-114				

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 BA30336 - EPA 3010A											
Blank (BA30336-BLK1)									Prepared & Analyzed: 01/10/2013		
Iron	ND	0.0200	mg/L								
Reference (BA30336-SRM1)									Prepared & Analyzed: 01/10/2013		
Iron	0.434	0.0200	mg/L	0.462		93.9	87.9-114				

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 BA30385 - % Solids Prep											
Blank (BA30385-BLK1)											Prepared & Analyzed: 01/14/2013
Total Dissolved Solids	ND	1.00	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0260-01	WQ010713:1100NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0260-02	WQ010713:1105NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0261-01	WQ010713:1110NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 13A0260

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.
HABSAG.

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 NP2-100 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)

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	Index 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		Hetman	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ010713-1106NP2-6	1/7/13 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus from 113	2v 2p
WQ010713-1105NP2-7	1105	GW	↓	2v 2p
WQ010713-1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus from 113 / TOS (SM 2540c)	2v 3p

1-9-13 9:55

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
	1/8/13 1200	Fedex	1/8/13 1200
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		E. Schmidt	1/9/13 4:05

Temperature on Receipt 3.8 °C

YORK
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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. 13A0261

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

YOUR Project ID: Rowe Industries.

Purchase Order No.: HABSAG.

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐

Samples from: CT ___ NY X NJ ___ Standard(5-7 Days) X

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, 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	Index 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)
WQ010713:1100NP2-6	1/7/13 1100	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2v 2P
WQ010713:1105NP2-7	1105	GW	↓	2v 2P
WQ010713:1110NP2-10	1110	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TDS (SM 2540c)	2v [redacted] 3P

Chris C 1-9-13 9:55

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]	1/8/13 1200	Fridge	1/8/13 1200
Samples Relinquished By	Date/Time	Samples Received in LAB by: E. Schmidt	1/9/13 4:05

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 01/22/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0416

Report Date: 01/22/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0416

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 January 15, 2013 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
13A0416-01	WQ011413:1100NP2-6	Water	01/14/2013	01/15/2013
13A0416-02	WQ011413:1105NP2-7	Water	01/14/2013	01/15/2013
13A0418-01	WQ011413:1110NP2-10	Water	01/14/2013	01/15/2013

General Notes for York Project (SDG) No.: 13A0416

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

Approved By: 

Date: 01/22/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ011413:1100NP2-6 **York Sample ID:** 13A0416-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:00 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 21:21	SS
71-55-6	1,1,1-Trichloroethane	**0.40**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-34-3	1,1-Dichloroethane	**0.17**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS

Sample Information

Client Sample ID: WQ011413:1100NP2-6 **York Sample ID:** 13A0416-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:00 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 21:21	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
67-66-3	Chloroform	**0.11**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
156-59-2	cis-1,2-Dichloroethylene	**0.15**	J	ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
91-20-3	Naphthalene	**0.15**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
127-18-4	Tetrachloroethylene	**0.98**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
79-01-6	Trichloroethylene	**0.22**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Sample Information

Client Sample ID: WQ011413:1100NP2-6 **York Sample ID:** 13A0416-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:00 am	01/15/2013

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	**0.191**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/16/2013 16:04	01/16/2013 19:55	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	**2.56**		mg/L	0.0100	0.0200	1	EPA 200.7	01/16/2013 16:04	01/16/2013 19:59	MW

Sample Information

Client Sample ID: WQ011413:1105NP2-7 **York Sample ID:** 13A0416-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:05 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 21:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS

Sample Information

Client Sample ID: WQ011413:1105NP2-7 **York Sample ID:** 13A0416-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:05 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 21:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS

Sample Information

Client Sample ID: WQ011413:1105NP2-7 **York Sample ID:** 13A0416-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0416	Rowe Industries	Water	January 14, 2013 11:05 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 21:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 21:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*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	**0.268**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	01/16/2013 16:04	01/16/2013 20:04	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	**3.65**		mg/L	0.0100	0.0200	1	EPA 200.7	01/16/2013 16:04	01/16/2013 20:09	MW

Sample Information

Client Sample ID: WQ011413:1110NP2-10 **York Sample ID:** 13A0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0418	Rowe Industries	Water	January 14, 2013 11:10 am	01/15/2013

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	01/17/2013 08:20	01/17/2013 17:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 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	01/17/2013 08:20	01/17/2013 17:10	SS

Sample Information

Client Sample ID: WQ011413:1110NP2-10 **York Sample ID:** 13A0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0418	Rowe Industries	Water	January 14, 2013 11:10 am	01/15/2013

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	01/17/2013 08:20	01/17/2013 17:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS

Sample Information

Client Sample ID: WQ011413:1110NP2-10 **York Sample ID:** 13A0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0418	Rowe Industries	Water	January 14, 2013 11:10 am	01/15/2013

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	01/17/2013 08:20	01/17/2013 17:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
91-20-3	Naphthalene	**0.14**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 08:20	01/17/2013 17:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Sample Information

Client Sample ID: WQ011413:1110NP2-10 **York Sample ID:** 13A0418-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0418	Rowe Industries	Water	January 14, 2013 11:10 am	01/15/2013

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	0.0200	1	EPA SW846-6010B	01/16/2013 16:04	01/16/2013 19:09	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	**12.7**		mg/L	0.0100	0.0200	1	EPA 200.7	01/16/2013 16:04	01/16/2013 19:38	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	**142**		mg/L	1.00	1.00	1	SM 2540C	01/21/2013 16:23	01/21/2013 16:23	ALD

Analytical Batch Summary

Batch ID: BA30582 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13A0416-01	WQ011413:1100NP2-6	01/16/13
13A0416-01	WQ011413:1100NP2-6	01/16/13
13A0416-02	WQ011413:1105NP2-7	01/16/13
13A0416-02	WQ011413:1105NP2-7	01/16/13
13A0418-01	WQ011413:1110NP2-10	01/16/13
13A0418-01	WQ011413:1110NP2-10	01/16/13
BA30582-BLK1	Blank	01/16/13
BA30582-BLK1	Blank	01/16/13
BA30582-DUP1	Duplicate	01/16/13
BA30582-DUP1	Duplicate	01/16/13
BA30582-MS1	Matrix Spike	01/16/13
BA30582-MS1	Matrix Spike	01/16/13
BA30582-SRM1	Reference	01/16/13
BA30582-SRM1	Reference	01/16/13

Batch ID: BA30593 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0418-01	WQ011413:1110NP2-10	01/17/13
BA30593-BLK1	Blank	01/17/13
BA30593-BS1	LCS	01/17/13
BA30593-BSD1	LCS Dup	01/17/13

Batch ID: BA30619 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0416-01	WQ011413:1100NP2-6	01/17/13
13A0416-02	WQ011413:1105NP2-7	01/17/13
BA30619-BLK1	Blank	01/17/13
BA30619-BS1	LCS	01/17/13
BA30619-BSD1	LCS Dup	01/17/13

Batch ID: BA30662 **Preparation Method:** % Solids Prep **Prepared By:** JCC

YORK Sample ID	Client Sample ID	Preparation Date
13A0418-01	WQ011413:1110NP2-10	01/21/13
BA30662-BLK1	Blank	01/21/13

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 BA30593 - EPA 5030B											
Blank (BA30593-BLK1)											
Prepared & Analyzed: 01/17/2013											
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	"								
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	1.0	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
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 BA30593 - EPA 5030B											
Blank (BA30593-BLK1)								Prepared & Analyzed: 01/17/2013			
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	*9.57*		*"*	*10.0*		*95.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
LCS (BA30593-BS1)								Prepared & Analyzed: 01/17/2013			
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0		99.8	82.3-130				
1,1,1-Trichloroethane	10.3		"	10.0		103	75.6-137				
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	71.1-129				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129				
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132				
1,1-Dichloroethylene	9.86		"	10.0		98.6	80.2-146				
1,1-Dichloropropylene	9.60		"	10.0		96.0	75-136				
1,2,3-Trichlorobenzene	8.89		"	10.0		88.9	66.1-136				
1,2,3-Trichloropropane	9.09		"	10.0		90.9	63-131				
1,2,4-Trichlorobenzene	9.06		"	10.0		90.6	70.6-136				
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	75.3-135				
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	58.9-140				
1,2-Dibromoethane	9.86		"	10.0		98.6	79-130				
1,2-Dichlorobenzene	9.30		"	10.0		93.0	76.1-122				
1,2-Dichloroethane	9.67		"	10.0		96.7	74.6-132				
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129				
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	70.6-127				
1,3-Dichlorobenzene	9.15		"	10.0		91.5	77-124				
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126				
1,4-Dichlorobenzene	9.21		"	10.0		92.1	76.6-125				
2,2-Dichloropropane	10.5		"	10.0		105	69-133				
2-Chlorotoluene	8.96		"	10.0		89.6	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	9.16		"	10.0		91.6	69.2-127				
Acetone	8.45		"	10.0		84.5	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.93		"	10.0		89.3	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	9.39		"	10.0		93.9	70.5-141				
Bromomethane	11.3		"	10.0		113	43.9-147				
Carbon tetrachloride	9.84		"	10.0		98.4	78.1-138				
Chlorobenzene	9.91		"	10.0		99.1	80.4-125				
Chloroethane	8.95		"	10.0		89.5	55.8-140				
Chloroform	10.1		"	10.0		101	76.6-133				
Chloromethane	8.12		"	10.0		81.2	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	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 BA30593 - EPA 5030B											
LCS (BA30593-BS1)							Prepared & Analyzed: 01/17/2013				
Dibromochloromethane	10.2		ug/L	10.0		102	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	7.20		"	10.0		72.0	47.1-101				
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	9.23		"	10.0		92.3	64.8-128				
Isopropylbenzene	9.22		"	10.0		92.2	75.5-135				
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	65.1-140				
Methylene chloride	8.15		"	10.0		81.5	61.3-120				
Naphthalene	9.89		"	10.0		98.9	62.3-148				
n-Butylbenzene	8.99		"	10.0		89.9	67.2-123				
n-Propylbenzene	8.97		"	10.0		89.7	70.5-127				
o-Xylene	10.0		"	10.0		100	75.9-122				
p- & m- Xylenes	20.3		"	20.0		102	77.7-127				
p-Isopropyltoluene	9.02		"	10.0		90.2	75.6-129				
sec-Butylbenzene	9.47		"	10.0		94.7	71.5-125				
Styrene	12.2		"	10.0		122	77.8-123				
tert-Butylbenzene	8.63		"	10.0		86.3	75.9-151				
Tetrachloroethylene	9.59		"	10.0		95.9	63.6-167				
Toluene	9.92		"	10.0		99.2	77-123				
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8	76.3-139				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.62		"	10.0		96.2	57.4-133				
Vinyl Chloride	8.69		"	10.0		86.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.15*		*"*	*10.0*		*91.5*	*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.

Batch BA30593 - EPA 5030B

LCS Dup (BA30593-BSD1) — Prepared & Analyzed: 01/17/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.67		ug/L	10.0		96.7	82.3-130		3.16	21.1	
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137		1.07	19.7	
1,1,2,2-Tetrachloroethane	8.81		"	10.0		88.1	71.3-131		4.44	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	71.1-129		3.66	21.7	
1,1,2-Trichloroethane	9.63		"	10.0		96.3	74.5-129		2.97	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		0.496	20.6	
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146		1.31	20	
1,1-Dichloropropylene	9.95		"	10.0		99.5	75-136		3.58	19.3	
1,2,3-Trichlorobenzene	8.78		"	10.0		87.8	66.1-136		1.25	21.6	
1,2,3-Trichloropropane	8.90		"	10.0		89.0	63-131		2.11	23.9	
1,2,4-Trichlorobenzene	9.21		"	10.0		92.1	70.6-136		1.64	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135		0.999	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		9.36	27.7	
1,2-Dibromoethane	9.47		"	10.0		94.7	79-130		4.04	23	
1,2-Dichlorobenzene	9.28		"	10.0		92.8	76.1-122		0.215	19.8	
1,2-Dichloroethane	9.48		"	10.0		94.8	74.6-132		1.98	20.2	
1,2-Dichloropropane	9.88		"	10.0		98.8	76.9-129		2.40	20.7	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70.6-127		4.66	18.9	
1,3-Dichlorobenzene	9.35		"	10.0		93.5	77-124		2.16	19.2	
1,3-Dichloropropane	9.57		"	10.0		95.7	75.8-126		5.88	22.1	
1,4-Dichlorobenzene	9.21		"	10.0		92.1	76.6-125		0.00	18.6	
2,2-Dichloropropane	10.5		"	10.0		105	69-133		0.0952	19.8	
2-Chlorotoluene	8.94		"	10.0		89.4	66.3-119		0.223	21.6	
2-Hexanone	9.13		"	10.0		91.3	70-130		9.79	30	
4-Chlorotoluene	9.38		"	10.0		93.8	69.2-127		2.37	19	
Acetone	8.52		"	10.0		85.2	70-130		0.825	30	
Benzene	10.1		"	10.0		101	76.2-129		1.19	19	
Bromobenzene	9.18		"	10.0		91.8	71.3-123		2.76	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		3.44	23.9	
Bromodichloromethane	10.0		"	10.0		100	79.7-134		3.24	21	
Bromoform	9.01		"	10.0		90.1	70.5-141		4.13	21.8	
Bromomethane	11.4		"	10.0		114	43.9-147		1.50	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		2.90	20.1	
Chlorobenzene	9.79		"	10.0		97.9	80.4-125		1.22	19.9	
Chloroethane	8.89		"	10.0		88.9	55.8-140		0.673	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		0.791	20.3	
Chloromethane	8.57		"	10.0		85.7	48.8-115		5.39	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		0.389	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		2.18	19.9	
Dibromochloromethane	9.84		"	10.0		98.4	79.8-134		3.69	21.3	
Dibromomethane	9.78		"	10.0		97.8	79-130		6.14	22.4	
Dichlorodifluoromethane	7.10		"	10.0		71.0	47.1-101		1.40	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		1.16	19.2	
Hexachlorobutadiene	9.24		"	10.0		92.4	64.8-128		0.108	20.6	
Isopropylbenzene	9.64		"	10.0		96.4	75.5-135		4.45	20	
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	65.1-140		5.87	23.6	
Methylene chloride	8.06		"	10.0		80.6	61.3-120		1.11	20.4	
Naphthalene	9.39		"	10.0		93.9	62.3-148		5.19	27.1	
n-Butylbenzene	9.50		"	10.0		95.0	67.2-123		5.52	19.1	
n-Propylbenzene	9.43		"	10.0		94.3	70.5-127		5.00	23.4	
o-Xylene	9.79		"	10.0		97.9	75.9-122		2.42	19.3	
p- & m- Xylenes	20.5		"	20.0		102	77.7-127		0.735	18.6	
p-Isopropyltoluene	9.38		"	10.0		93.8	75.6-129		3.91	19.1	
sec-Butylbenzene	9.96		"	10.0		99.6	71.5-125		5.04	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 BA30593 - EPA 5030B											
LCS Dup (BA30593-BSD1)							Prepared & Analyzed: 01/17/2013				
Styrene	11.6		ug/L	10.0		116	77.8-123		4.80	20.9	
tert-Butylbenzene	9.02		"	10.0		90.2	75.9-151		4.42	20.9	
Tetrachloroethylene	9.64		"	10.0		96.4	63.6-167		0.520	27.7	
Toluene	10.0		"	10.0		100	77-123		0.903	18.7	
trans-1,2-Dichloroethylene	9.88		"	10.0		98.8	76.3-139		1.01	19.5	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		7.82	19.3	
Trichloroethylene	10.2		"	10.0		102	77.9-130		2.37	20.5	
Trichlorofluoromethane	9.73		"	10.0		97.3	57.4-133		1.14	21.4	
Vinyl Chloride	8.69		"	10.0		86.9	54.9-124		0.00	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.24*		*"*	*10.0*		*92.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.23*		*"*	*10.0*		*92.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
Batch BA30619 - EPA 5030B											
Blank (BA30619-BLK1)							Prepared & Analyzed: 01/17/2013				
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 BA30619 - EPA 5030B											
Blank (BA30619-BLK1)									Prepared & Analyzed: 01/17/2013		
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	0.84	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.57*		*"*	*10.0*		*95.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*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 BA30619 - EPA 5030B											
LCS (BA30619-BS1)							Prepared & Analyzed: 01/17/2013				
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82.3-130				
1,1,1-Trichloroethane	9.72		"	10.0		97.2	75.6-137				
1,1,2,2-Tetrachloroethane	9.52		"	10.0		95.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129				
1,1,2-Trichloroethane	9.69		"	10.0		96.9	74.5-129				
1,1-Dichloroethane	9.31		"	10.0		93.1	79.6-132				
1,1-Dichloroethylene	9.21		"	10.0		92.1	80.2-146				
1,1-Dichloropropylene	9.12		"	10.0		91.2	75-136				
1,2,3-Trichlorobenzene	8.71		"	10.0		87.1	66.1-136				
1,2,3-Trichloropropane	8.68		"	10.0		86.8	63-131				
1,2,4-Trichlorobenzene	9.22		"	10.0		92.2	70.6-136				
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140				
1,2-Dibromoethane	9.52		"	10.0		95.2	79-130				
1,2-Dichlorobenzene	9.62		"	10.0		96.2	76.1-122				
1,2-Dichloroethane	9.23		"	10.0		92.3	74.6-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	76.9-129				
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	70.6-127				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	77-124				
1,3-Dichloropropane	9.71		"	10.0		97.1	75.8-126				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	76.6-125				
2,2-Dichloropropane	7.52		"	10.0		75.2	69-133				
2-Chlorotoluene	8.86		"	10.0		88.6	66.3-119				
2-Hexanone	9.04		"	10.0		90.4	70-130				
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127				
Acetone	8.62		"	10.0		86.2	70-130				
Benzene	9.61		"	10.0		96.1	76.2-129				
Bromobenzene	9.09		"	10.0		90.9	71.3-123				
Bromochloromethane	9.43		"	10.0		94.3	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	9.07		"	10.0		90.7	70.5-141				
Bromomethane	9.22		"	10.0		92.2	43.9-147				
Carbon tetrachloride	9.24		"	10.0		92.4	78.1-138				
Chlorobenzene	9.76		"	10.0		97.6	80.4-125				
Chloroethane	8.62		"	10.0		86.2	55.8-140				
Chloroform	9.60		"	10.0		96.0	76.6-133				
Chloromethane	7.92		"	10.0		79.2	48.8-115				
cis-1,2-Dichloroethylene	9.86		"	10.0		98.6	75.1-128				
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	74.5-128				
Dibromochloromethane	9.37		"	10.0		93.7	79.8-134				
Dibromomethane	9.94		"	10.0		99.4	79-130				
Dichlorodifluoromethane	6.82		"	10.0		68.2	47.1-101				
Ethyl Benzene	10.1		"	10.0		101	80.8-128				
Hexachlorobutadiene	9.23		"	10.0		92.3	64.8-128				
Isopropylbenzene	9.45		"	10.0		94.5	75.5-135				
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140				
Methylene chloride	7.63		"	10.0		76.3	61.3-120				
Naphthalene	9.88		"	10.0		98.8	62.3-148				
n-Butylbenzene	9.08		"	10.0		90.8	67.2-123				
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127				
o-Xylene	9.71		"	10.0		97.1	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.6	77.7-127				
p-Isopropyltoluene	9.22		"	10.0		92.2	75.6-129				
sec-Butylbenzene	9.74		"	10.0		97.4	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 BA30619 - EPA 5030B											
LCS (BA30619-BS1)							Prepared & Analyzed: 01/17/2013				
Styrene	11.1		ug/L	10.0		111	77.8-123				
tert-Butylbenzene	8.89		"	10.0		88.9	75.9-151				
Tetrachloroethylene	9.63		"	10.0		96.3	63.6-167				
Toluene	9.77		"	10.0		97.7	77-123				
trans-1,2-Dichloroethylene	9.24		"	10.0		92.4	76.3-139				
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	72.5-137				
Trichloroethylene	9.99		"	10.0		99.9	77.9-130				
Trichlorofluoromethane	9.00		"	10.0		90.0	57.4-133				
Vinyl Chloride	8.20		"	10.0		82.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.49*		*"*	*10.0*		*94.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS Dup (BA30619-BSD1)							Prepared & Analyzed: 01/17/2013				
1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82.3-130		3.39	21.1	
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137		10.2	19.7	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	71.3-131		3.00	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	71.1-129		12.4	21.7	
1,1,2-Trichloroethane	9.46		"	10.0		94.6	74.5-129		2.40	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		13.5	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		10.7	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		12.6	19.3	
1,2,3-Trichlorobenzene	9.55		"	10.0		95.5	66.1-136		9.20	21.6	
1,2,3-Trichloropropane	9.05		"	10.0		90.5	63-131		4.17	23.9	
1,2,4-Trichlorobenzene	9.61		"	10.0		96.1	70.6-136		4.14	21.7	
1,2,4-Trimethylbenzene	9.13		"	10.0		91.3	75.3-135		6.57	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		2.93	27.7	
1,2-Dibromoethane	9.68		"	10.0		96.8	79-130		1.67	23	
1,2-Dichlorobenzene	9.81		"	10.0		98.1	76.1-122		1.96	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		11.2	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		3.41	20.7	
1,3,5-Trimethylbenzene	9.62		"	10.0		96.2	70.6-127		2.06	18.9	
1,3-Dichlorobenzene	9.45		"	10.0		94.5	77-124		0.424	19.2	
1,3-Dichloropropane	9.85		"	10.0		98.5	75.8-126		1.43	22.1	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125		0.104	18.6	
2,2-Dichloropropane	8.24		"	10.0		82.4	69-133		9.14	19.8	
2-Chlorotoluene	9.09		"	10.0		90.9	66.3-119		2.56	21.6	
2-Hexanone	9.25		"	10.0		92.5	70-130		2.30	30	
4-Chlorotoluene	9.63		"	10.0		96.3	69.2-127		3.49	19	
Acetone	7.81		"	10.0		78.1	70-130		9.86	30	
Benzene	10.8		"	10.0		108	76.2-129		11.9	19	
Bromobenzene	9.19		"	10.0		91.9	71.3-123		1.09	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		8.33	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		2.47	21	
Bromoform	9.18		"	10.0		91.8	70.5-141		1.21	21.8	
Bromomethane	10.7		"	10.0		107	43.9-147		14.6	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		12.7	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		3.13	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		6.62	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		10.1	20.3	
Chloromethane	9.08		"	10.0		90.8	48.8-115		13.6	24.5	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	75.1-128		11.7	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		2.21	19.9	
Dibromochloromethane	9.74		"	10.0		97.4	79.8-134		3.87	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 BA30619 - EPA 5030B											
LCS Dup (BA30619-BSD1)							Prepared & Analyzed: 01/17/2013				
Dibromomethane	10.2		ug/L	10.0		102	79-130		2.29	22.4	
Dichlorodifluoromethane	7.44		"	10.0		74.4	47.1-101		8.70	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		2.15	19.2	
Hexachlorobutadiene	9.40		"	10.0		94.0	64.8-128		1.83	20.6	
Isopropylbenzene	9.75		"	10.0		97.5	75.5-135		3.12	20	
Methyl tert-butyl ether (MTBE)	9.87		"	10.0		98.7	65.1-140		8.56	23.6	
Methylene chloride	8.25		"	10.0		82.5	61.3-120		7.81	20.4	
Naphthalene	9.60		"	10.0		96.0	62.3-148		2.87	27.1	
n-Butylbenzene	9.25		"	10.0		92.5	67.2-123		1.85	19.1	
n-Propylbenzene	9.46		"	10.0		94.6	70.5-127		1.60	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		3.54	19.3	
p- & m- Xylenes	20.2		"	20.0		101	77.7-127		1.69	18.6	
p-Isopropyltoluene	9.42		"	10.0		94.2	75.6-129		2.15	19.1	
sec-Butylbenzene	9.90		"	10.0		99.0	71.5-125		1.63	18.9	
Styrene	9.89		"	10.0		98.9	77.8-123		11.6	20.9	
tert-Butylbenzene	9.17		"	10.0		91.7	75.9-151		3.10	20.9	
Tetrachloroethylene	9.86		"	10.0		98.6	63.6-167		2.36	27.7	
Toluene	10.0		"	10.0		100	77-123		2.43	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		9.68	19.5	
trans-1,3-Dichloropropylene	9.77		"	10.0		97.7	72.5-137		1.44	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		5.07	20.5	
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133		10.6	21.4	
Vinyl Chloride	9.09		"	10.0		90.9	54.9-124		10.3	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*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 BA30582 - EPA 3010A											
Blank (BA30582-BLK1)								Prepared & Analyzed: 01/16/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BA30582-DUP1)	*Source sample: 13A0418-01 (WQ011413:1110NP2-10)							Prepared & Analyzed: 01/16/2013			
Iron - Dissolved	0.0128	0.0200	mg/L		ND					20	
Matrix Spike (BA30582-MS1)	*Source sample: 13A0418-01 (WQ011413:1110NP2-10)							Prepared & Analyzed: 01/16/2013			
Iron - Dissolved	1.06	0.0200	mg/L	1.00	ND	106	75-125				
Reference (BA30582-SRM1)								Prepared & Analyzed: 01/16/2013			
Iron - Dissolved	0.450	0.0200	mg/L	0.462		97.3	87.9-114				

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 BA30582 - EPA 3010A											
Blank (BA30582-BLK1)								Prepared & Analyzed: 01/16/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BA30582-DUP1)	*Source sample: 13A0418-01 (WQ011413:1110NP2-10)							Prepared & Analyzed: 01/16/2013			
Iron	12.7	0.0200	mg/L		12.7				0.0348	20	
Matrix Spike (BA30582-MS1)	*Source sample: 13A0418-01 (WQ011413:1110NP2-10)							Prepared & Analyzed: 01/16/2013			
Iron	13.8	0.0200	mg/L	1.00	12.7	115	75-125				
Reference (BA30582-SRM1)								Prepared & Analyzed: 01/16/2013			
Iron	0.450	0.0200	mg/L	0.462		97.3	87.9-114				

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 BA30662 - % Solids Prep											
Blank (BA30662-BLK1)											Prepared & Analyzed: 01/21/2013
Total Dissolved Solids	ND	1.00	mg/L								

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0416-01	WQ011413:1100NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0416-02	WQ011413:1105NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0418-01	WQ011413:1110NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 13A0416

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

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, 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 Ha Discharge Permit	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Fuel Gas	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index 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)
WQ011413:1100NP2-6	1/14/13 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
WQ011413:1105NP2-7	↓ 1105	GW	↓	2V 2P
WQ011413:1110NP2-10	↓ 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 ___

	Date/Time		Date/Time
Samples Relinquished By	1/15/13 932	Samples Received By	1/15/13 930
Samples Relinquished By	1/15/13 1300	Samples Received in LAB by	1/15/13 1530

Temperature on Receipt 4.3 °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. 13A0418

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

YOUR Project ID: Rowe Industries.

Purchase Order No.: NABSAG.

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐

Samples from: CT ___ NY X NJ ___ Standard(5-7 Days) X

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, 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)
WQ011413:1100NP2-6	1/14/13 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
WQ011413:1105NP2-7	↓ 1105	GW	↓	2v 2p
WQ011413:1110NP2-10	↓ 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 ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	1/15/13 930	Samples Received By	1/15/13 930
Samples Relinquished By	1/15/13 1300	Samples Received By	1/15/13 1300
		Samples Received in LAB by	1/15/13 1530

Temperature on Receipt 4.3 °C

APPENDIX II
JANUARY 2013 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 Komuves-Sandor

Report Date: 01/22/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0419

Report Date: 01/22/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0419

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 January 15, 2013 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
13A0419-01	GWQ011413:1000NP1-1-2	Water	01/14/2013	01/15/2013
13A0419-02	GWQ011413:1010NP1-1-6	Water	01/14/2013	01/15/2013
13A0419-03	GWQ011413:1020NP1-1-7	Water	01/14/2013	01/15/2013
13A0419-04	GWQ011413:1030NP1-1-4	Water	01/14/2013	01/15/2013

General Notes for York Project (SDG) No.: 13A0419

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

Approved By: 

Date: 01/22/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ011413:1000NP1-1-2 **York Sample ID:** 13A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:00 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 22:33	SS
71-55-6	1,1,1-Trichloroethane	**0.26**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS

Sample Information

Client Sample ID: GWQ011413:1000NP1-1-2 **York Sample ID:** 13A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:00 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 22:33	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
156-59-2	cis-1,2-Dichloroethylene	**0.47**	J	ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
127-18-4	Tetrachloroethylene	**0.99**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
79-01-6	Trichloroethylene	**0.61**		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 22:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ011413:1000NP1-1-2 **York Sample ID:** 13A0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:00 am	01/15/2013

Sample Information

Client Sample ID: GWQ011413:1010NP1-1-6 **York Sample ID:** 13A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:10 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:09	SS
71-55-6	1,1,1-Trichloroethane	**0.88**		ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-34-3	1,1-Dichloroethane	**0.29**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS

Sample Information

Client Sample ID: GWQ011413:1010NP1-1-6 **York Sample ID:** 13A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:10 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
67-66-3	Chloroform	**0.26**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
127-18-4	Tetrachloroethylene	**2.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
79-01-6	Trichloroethylene	**0.10**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS

Sample Information

Client Sample ID: GWQ011413:1010NP1-1-6 **York Sample ID:** 13A0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:10 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ011413:1020NP1-1-7 **York Sample ID:** 13A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:20 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:45	SS
71-55-6	1,1,1-Trichloroethane	**0.20**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS

Sample Information

Client Sample ID: GWQ011413:1020NP1-1-7 **York Sample ID:** 13A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:20 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
67-66-3	Chloroform	**0.12**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS

Sample Information

Client Sample ID: GWQ011413:1020NP1-1-7 **York Sample ID:** 13A0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:20 am	01/15/2013

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	01/17/2013 14:58	01/17/2013 23:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
127-18-4	Tetrachloroethylene	**0.70**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/17/2013 23:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ011413:1030NP1-1-4 **York Sample ID:** 13A0419-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:30 am	01/15/2013

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	01/17/2013 14:58	01/18/2013 00:20	SS
71-55-6	1,1,1-Trichloroethane	**1.2**		ug/L	0.024	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-34-3	1,1-Dichloroethane	**0.49**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS

Sample Information

Client Sample ID: GWQ011413:1030NP1-1-4 **York Sample ID:** 13A0419-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:30 am	01/15/2013

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	01/17/2013 14:58	01/18/2013 00:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
67-66-3	Chloroform	**0.14**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS

Sample Information

Client Sample ID: GWQ011413:1030NP1-1-4 **York Sample ID:** 13A0419-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0419	Rowe Industries	Water	January 14, 2013 10:30 am	01/15/2013

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	01/17/2013 14:58	01/18/2013 00:20	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
127-18-4	Tetrachloroethylene	**1.0**		ug/L	0.070	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
79-01-6	Trichloroethylene	**0.15**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	01/17/2013 14:58	01/18/2013 00:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA30619 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13A0419-01	GWQ011413:1000NP1-1-2	01/17/13
13A0419-02	GWQ011413:1010NP1-1-6	01/17/13
13A0419-03	GWQ011413:1020NP1-1-7	01/17/13
13A0419-04	GWQ011413:1030NP1-1-4	01/17/13
BA30619-BLK1	Blank	01/17/13
BA30619-BS1	LCS	01/17/13
BA30619-BSD1	LCS Dup	01/17/13
BA30619-MS1	Matrix Spike	01/17/13
BA30619-MSD1	Matrix Spike Dup	01/17/13

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 BA30619 - EPA 5030B											
Blank (BA30619-BLK1)											Prepared & Analyzed: 01/17/2013
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	"								
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	0.84	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 BA30619 - EPA 5030B											
Blank (BA30619-BLK1)								Prepared & Analyzed: 01/17/2013			
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	*9.80*		*"*	*10.0*		*98.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.57*		*"*	*10.0*		*95.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS (BA30619-BS1)								Prepared & Analyzed: 01/17/2013			
1,1,1,2-Tetrachloroethane	9.57		ug/L	10.0		95.7	82.3-130				
1,1,1-Trichloroethane	9.72		"	10.0		97.2	75.6-137				
1,1,2,2-Tetrachloroethane	9.52		"	10.0		95.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	71.1-129				
1,1,2-Trichloroethane	9.69		"	10.0		96.9	74.5-129				
1,1-Dichloroethane	9.31		"	10.0		93.1	79.6-132				
1,1-Dichloroethylene	9.21		"	10.0		92.1	80.2-146				
1,1-Dichloropropylene	9.12		"	10.0		91.2	75-136				
1,2,3-Trichlorobenzene	8.71		"	10.0		87.1	66.1-136				
1,2,3-Trichloropropane	8.68		"	10.0		86.8	63-131				
1,2,4-Trichlorobenzene	9.22		"	10.0		92.2	70.6-136				
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140				
1,2-Dibromoethane	9.52		"	10.0		95.2	79-130				
1,2-Dichlorobenzene	9.62		"	10.0		96.2	76.1-122				
1,2-Dichloroethane	9.23		"	10.0		92.3	74.6-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	76.9-129				
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	70.6-127				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	77-124				
1,3-Dichloropropane	9.71		"	10.0		97.1	75.8-126				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	76.6-125				
2,2-Dichloropropane	7.52		"	10.0		75.2	69-133				
2-Chlorotoluene	8.86		"	10.0		88.6	66.3-119				
2-Hexanone	9.04		"	10.0		90.4	70-130				
4-Chlorotoluene	9.30		"	10.0		93.0	69.2-127				
Acetone	8.62		"	10.0		86.2	70-130				
Benzene	9.61		"	10.0		96.1	76.2-129				
Bromobenzene	9.09		"	10.0		90.9	71.3-123				
Bromochloromethane	9.43		"	10.0		94.3	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	9.07		"	10.0		90.7	70.5-141				
Bromomethane	9.22		"	10.0		92.2	43.9-147				
Carbon tetrachloride	9.24		"	10.0		92.4	78.1-138				
Chlorobenzene	9.76		"	10.0		97.6	80.4-125				
Chloroethane	8.62		"	10.0		86.2	55.8-140				
Chloroform	9.60		"	10.0		96.0	76.6-133				
Chloromethane	7.92		"	10.0		79.2	48.8-115				
cis-1,2-Dichloroethylene	9.86		"	10.0		98.6	75.1-128				
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	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 BA30619 - EPA 5030B											
LCS (BA30619-BS1)							Prepared & Analyzed: 01/17/2013				
Dibromochloromethane	9.37		ug/L	10.0		93.7	79.8-134				
Dibromomethane	9.94		"	10.0		99.4	79-130				
Dichlorodifluoromethane	6.82		"	10.0		68.2	47.1-101				
Ethyl Benzene	10.1		"	10.0		101	80.8-128				
Hexachlorobutadiene	9.23		"	10.0		92.3	64.8-128				
Isopropylbenzene	9.45		"	10.0		94.5	75.5-135				
Methyl tert-butyl ether (MTBE)	9.06		"	10.0		90.6	65.1-140				
Methylene chloride	7.63		"	10.0		76.3	61.3-120				
Naphthalene	9.88		"	10.0		98.8	62.3-148				
n-Butylbenzene	9.08		"	10.0		90.8	67.2-123				
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127				
o-Xylene	9.71		"	10.0		97.1	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.6	77.7-127				
p-Isopropyltoluene	9.22		"	10.0		92.2	75.6-129				
sec-Butylbenzene	9.74		"	10.0		97.4	71.5-125				
Styrene	11.1		"	10.0		111	77.8-123				
tert-Butylbenzene	8.89		"	10.0		88.9	75.9-151				
Tetrachloroethylene	9.63		"	10.0		96.3	63.6-167				
Toluene	9.77		"	10.0		97.7	77-123				
trans-1,2-Dichloroethylene	9.24		"	10.0		92.4	76.3-139				
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	72.5-137				
Trichloroethylene	9.99		"	10.0		99.9	77.9-130				
Trichlorofluoromethane	9.00		"	10.0		90.0	57.4-133				
Vinyl Chloride	8.20		"	10.0		82.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.36*		*"*	*10.0*		*93.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.49*		*"*	*10.0*		*94.9*	*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 BA30619 - EPA 5030B

LCS Dup (BA30619-BSD1) Prepared & Analyzed: 01/17/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.90		ug/L	10.0		99.0	82.3-130		3.39	21.1	
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137		10.2	19.7	
1,1,2,2-Tetrachloroethane	9.81		"	10.0		98.1	71.3-131		3.00	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	71.1-129		12.4	21.7	
1,1,2-Trichloroethane	9.46		"	10.0		94.6	74.5-129		2.40	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		13.5	20.6	
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146		10.7	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		12.6	19.3	
1,2,3-Trichlorobenzene	9.55		"	10.0		95.5	66.1-136		9.20	21.6	
1,2,3-Trichloropropane	9.05		"	10.0		90.5	63-131		4.17	23.9	
1,2,4-Trichlorobenzene	9.61		"	10.0		96.1	70.6-136		4.14	21.7	
1,2,4-Trimethylbenzene	9.13		"	10.0		91.3	75.3-135		6.57	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		2.93	27.7	
1,2-Dibromoethane	9.68		"	10.0		96.8	79-130		1.67	23	
1,2-Dichlorobenzene	9.81		"	10.0		98.1	76.1-122		1.96	19.8	
1,2-Dichloroethane	10.3		"	10.0		103	74.6-132		11.2	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		3.41	20.7	
1,3,5-Trimethylbenzene	9.62		"	10.0		96.2	70.6-127		2.06	18.9	
1,3-Dichlorobenzene	9.45		"	10.0		94.5	77-124		0.424	19.2	
1,3-Dichloropropane	9.85		"	10.0		98.5	75.8-126		1.43	22.1	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125		0.104	18.6	
2,2-Dichloropropane	8.24		"	10.0		82.4	69-133		9.14	19.8	
2-Chlorotoluene	9.09		"	10.0		90.9	66.3-119		2.56	21.6	
2-Hexanone	9.25		"	10.0		92.5	70-130		2.30	30	
4-Chlorotoluene	9.63		"	10.0		96.3	69.2-127		3.49	19	
Acetone	7.81		"	10.0		78.1	70-130		9.86	30	
Benzene	10.8		"	10.0		108	76.2-129		11.9	19	
Bromobenzene	9.19		"	10.0		91.9	71.3-123		1.09	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		8.33	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		2.47	21	
Bromoform	9.18		"	10.0		91.8	70.5-141		1.21	21.8	
Bromomethane	10.7		"	10.0		107	43.9-147		14.6	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		12.7	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		3.13	19.9	
Chloroethane	9.21		"	10.0		92.1	55.8-140		6.62	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		10.1	20.3	
Chloromethane	9.08		"	10.0		90.8	48.8-115		13.6	24.5	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	75.1-128		11.7	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		2.21	19.9	
Dibromochloromethane	9.74		"	10.0		97.4	79.8-134		3.87	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		2.29	22.4	
Dichlorodifluoromethane	7.44		"	10.0		74.4	47.1-101		8.70	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		2.15	19.2	
Hexachlorobutadiene	9.40		"	10.0		94.0	64.8-128		1.83	20.6	
Isopropylbenzene	9.75		"	10.0		97.5	75.5-135		3.12	20	
Methyl tert-butyl ether (MTBE)	9.87		"	10.0		98.7	65.1-140		8.56	23.6	
Methylene chloride	8.25		"	10.0		82.5	61.3-120		7.81	20.4	
Naphthalene	9.60		"	10.0		96.0	62.3-148		2.87	27.1	
n-Butylbenzene	9.25		"	10.0		92.5	67.2-123		1.85	19.1	
n-Propylbenzene	9.46		"	10.0		94.6	70.5-127		1.60	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		3.54	19.3	
p- & m- Xylenes	20.2		"	20.0		101	77.7-127		1.69	18.6	
p-Isopropyltoluene	9.42		"	10.0		94.2	75.6-129		2.15	19.1	
sec-Butylbenzene	9.90		"	10.0		99.0	71.5-125		1.63	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 BA30619 - EPA 5030B											
LCS Dup (BA30619-BSD1)								Prepared & Analyzed: 01/17/2013			
Styrene	9.89		ug/L	10.0		98.9	77.8-123		11.6	20.9	
tert-Butylbenzene	9.17		"	10.0		91.7	75.9-151		3.10	20.9	
Tetrachloroethylene	9.86		"	10.0		98.6	63.6-167		2.36	27.7	
Toluene	10.0		"	10.0		100	77-123		2.43	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		9.68	19.5	
trans-1,3-Dichloropropylene	9.77		"	10.0		97.7	72.5-137		1.44	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		5.07	20.5	
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133		10.6	21.4	
Vinyl Chloride	9.09		"	10.0		90.9	54.9-124		10.3	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.43*		*"*	*10.0*		*94.3*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				
Matrix Spike (BA30619-MS1)	*Source sample: 13A0419-01 (GWQ011413:1000NP1-1-2)							Prepared: 01/17/2013 Analyzed: 01/18/2013			
1,1,1,2-Tetrachloroethane	9.62		ug/L	10.0	ND	96.2	82-138				
1,1,1-Trichloroethane	10.4		"	10.0	0.260	102	85.7-133				
1,1,2,2-Tetrachloroethane	9.39		"	10.0	ND	93.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0	ND	122	74.8-131				
1,1,2-Trichloroethane	9.74		"	10.0	ND	97.4	82.5-129				
1,1-Dichloroethane	10.0		"	10.0	ND	100	81.4-137				
1,1-Dichloroethylene	10.1		"	10.0	ND	101	90-138				
1,1-Dichloropropylene	9.88		"	10.0	ND	98.8	91.7-131				
1,2,3-Trichlorobenzene	8.65		"	10.0	ND	86.5	75.9-130				
1,2,3-Trichloropropane	9.04		"	10.0	ND	90.4	77.1-140				
1,2,4-Trichlorobenzene	8.46		"	10.0	ND	84.6	69.8-135				
1,2,4-Trimethylbenzene	9.94		"	10.0	ND	99.4	79.4-131				
1,2-Dibromo-3-chloropropane	14.0		"	10.0	ND	140	66.6-143				
1,2-Dibromoethane	9.95		"	10.0	ND	99.5	79.8-136				
1,2-Dichlorobenzene	9.18		"	10.0	ND	91.8	79.9-130				
1,2-Dichloroethane	9.55		"	10.0	ND	95.5	85-133				
1,2-Dichloropropane	10.1		"	10.0	ND	101	81.1-132				
1,3,5-Trimethylbenzene	9.79		"	10.0	ND	97.9	76.1-121				
1,3-Dichlorobenzene	8.92		"	10.0	ND	89.2	79.1-124				
1,3-Dichloropropane	10.2		"	10.0	ND	102	83.3-130				
1,4-Dichlorobenzene	8.83		"	10.0	ND	88.3	79.4-128				
2,2-Dichloropropane	7.89		"	10.0	ND	78.9	54.2-126				
2-Chlorotoluene	8.71		"	10.0	ND	87.1	60.2-144				
2-Hexanone	9.83		"	10.0	ND	98.3	70-130				
4-Chlorotoluene	8.94		"	10.0	ND	89.4	79.8-128				
Acetone	9.05		"	10.0	ND	90.5	70-130				
Benzene	10.3		"	10.0	ND	103	74.1-134				
Bromobenzene	8.82		"	10.0	ND	88.2	76.6-125				
Bromochloromethane	9.94		"	10.0	ND	99.4	85-133				
Bromodichloromethane	10.2		"	10.0	ND	102	80.8-143				
Bromoform	9.09		"	10.0	ND	90.9	65.8-164				
Bromomethane	10.6		"	10.0	ND	106	68.7-112				
Carbon tetrachloride	9.95		"	10.0	ND	99.5	85.7-138				
Chlorobenzene	9.98		"	10.0	ND	99.8	79.9-129				
Chloroethane	10.0		"	10.0	ND	100	74.7-127				
Chloroform	10.3		"	10.0	ND	103	50.6-145				
Chloromethane	9.77		"	10.0	ND	97.7	64-111				
cis-1,2-Dichloroethylene	11.1		"	10.0	0.470	106	75.5-129				
cis-1,3-Dichloropropylene	9.98		"	10.0	ND	99.8	74.3-128				
Dibromochloromethane	10.2		"	10.0	ND	102	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 BA30619 - EPA 5030B											
Matrix Spike (BA30619-MS1)	*Source sample: 13A0419-01 (GWQ011413:1000NP1-1-2)								Prepared: 01/17/2013 Analyzed: 01/18/2013		
Dibromomethane	10.7		ug/L	10.0	ND	107	83.3-140				
Dichlorodifluoromethane	9.37		"	10.0	ND	93.7	51-100				
Ethyl Benzene	10.4		"	10.0	ND	104	82.9-127				
Hexachlorobutadiene	8.35		"	10.0	ND	83.5	73-128				
Isopropylbenzene	9.26		"	10.0	ND	92.6	78.7-131				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0	ND	102	81.2-134				
Methylene chloride	8.26		"	10.0	ND	82.6	57.8-103				
Naphthalene	9.35		"	10.0	ND	93.5	80.1-122				
n-Butylbenzene	8.68		"	10.0	ND	86.8	72.4-120				
n-Propylbenzene	9.10		"	10.0	ND	91.0	74-130				
o-Xylene	10.0		"	10.0	ND	100	78.8-122				
p- & m- Xylenes	20.6		"	20.0	ND	103	82.5-123				
p-Isopropyltoluene	8.89		"	10.0	ND	88.9	64.9-132				
sec-Butylbenzene	9.45		"	10.0	ND	94.5	25.4-151				
Styrene	12.5		"	10.0	ND	125	74.1-134				
tert-Butylbenzene	8.80		"	10.0	ND	88.0	79.5-171				
Tetrachloroethylene	11.1		"	10.0	0.990	102	72.5-130				
Toluene	10.3		"	10.0	ND	103	77.8-121				
trans-1,2-Dichloroethylene	10.1		"	10.0	ND	101	83.8-140				
trans-1,3-Dichloropropylene	9.81		"	10.0	ND	98.1	74.9-136				
Trichloroethylene	11.1		"	10.0	0.610	105	84.4-125				
Trichlorofluoromethane	10.4		"	10.0	ND	104	78.7-127				
Vinyl Chloride	9.76		"	10.0	ND	97.6	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.18*		*"*	*10.0*		*91.8*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
Matrix Spike Dup (BA30619-MSD1)	*Source sample: 13A0419-01 (GWQ011413:1000NP1-1-2)								Prepared: 01/17/2013 Analyzed: 01/18/2013		
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0	ND	96.6	82-138		0.415	21.3	
1,1,1-Trichloroethane	10.7		"	10.0	0.260	104	85.7-133		2.62	22.6	
1,1,2,2-Tetrachloroethane	9.97		"	10.0	ND	99.7	78.6-136		5.99	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4		"	10.0	ND	124	74.8-131		2.20	25.6	
1,1,2-Trichloroethane	9.83		"	10.0	ND	98.3	82.5-129		0.920	19.3	
1,1-Dichloroethane	10.4		"	10.0	ND	104	81.4-137		3.43	20.7	
1,1-Dichloroethylene	10.4		"	10.0	ND	104	90-138		2.54	22.9	
1,1-Dichloropropylene	10.1		"	10.0	ND	101	91.7-131		2.40	24.9	
1,2,3-Trichlorobenzene	9.13		"	10.0	ND	91.3	75.9-130		5.40	21.4	
1,2,3-Trichloropropane	9.65		"	10.0	ND	96.5	77.1-140		6.53	28	
1,2,4-Trichlorobenzene	9.28		"	10.0	ND	92.8	69.8-135		9.24	22.5	
1,2,4-Trimethylbenzene	10.4		"	10.0	ND	104	79.4-131		4.23	33.9	
1,2-Dibromo-3-chloropropane	14.9		"	10.0	ND	149	66.6-143	High Bias	6.10	23.3	
1,2-Dibromoethane	9.90		"	10.0	ND	99.0	79.8-136		0.504	19.1	
1,2-Dichlorobenzene	9.61		"	10.0	ND	96.1	79.9-130		4.58	23.2	
1,2-Dichloroethane	9.95		"	10.0	ND	99.5	85-133		4.10	19.1	
1,2-Dichloropropane	10.2		"	10.0	ND	102	81.1-132		0.983	19.9	
1,3,5-Trimethylbenzene	9.92		"	10.0	ND	99.2	76.1-121		1.32	31.2	
1,3-Dichlorobenzene	9.38		"	10.0	ND	93.8	79.1-124		5.03	22.6	
1,3-Dichloropropane	10.4		"	10.0	ND	104	83.3-130		1.46	20.9	
1,4-Dichlorobenzene	9.48		"	10.0	ND	94.8	79.4-128		7.10	21	
2,2-Dichloropropane	7.99		"	10.0	ND	79.9	54.2-126		1.26	24.5	
2-Chlorotoluene	9.25		"	10.0	ND	92.5	60.2-144		6.01	30.8	
2-Hexanone	10.6		"	10.0	ND	106	70-130		7.25	30	
4-Chlorotoluene	9.48		"	10.0	ND	94.8	79.8-128		5.86	23.2	
Acetone	9.08		"	10.0	ND	90.8	70-130		0.331	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 BA30619 - EPA 5030B											
Matrix Spike Dup (BA30619-MSD1)	*Source sample: 13A0419-01 (GWQ011413:1000NP1-1-2)								Prepared: 01/17/2013 Analyzed: 01/18/2013		
Benzene	10.7		ug/L	10.0	ND	107	74.1-134		4.09	20.8	
Bromobenzene	9.25		"	10.0	ND	92.5	76.6-125		4.76	23	
Bromochloromethane	10.3		"	10.0	ND	103	85-133		3.65	18.4	
Bromodichloromethane	10.7		"	10.0	ND	107	80.8-143		4.20	18.1	
Bromoform	9.64		"	10.0	ND	96.4	65.8-164		5.87	27.3	
Bromomethane	11.4		"	10.0	ND	114	68.7-112	High Bias	6.98	22.8	
Carbon tetrachloride	10.2		"	10.0	ND	102	85.7-138		2.48	25.1	
Chlorobenzene	10.1		"	10.0	ND	101	79.9-129		0.997	21	
Chloroethane	10.0		"	10.0	ND	100	74.7-127		0.0996	23.7	
Chloroform	10.7		"	10.0	ND	107	50.6-145		3.24	21.7	
Chloromethane	9.93		"	10.0	ND	99.3	64-111		1.62	21.4	
cis-1,2-Dichloroethylene	11.3		"	10.0	0.470	108	75.5-129		2.05	20.2	
cis-1,3-Dichloropropylene	10.3		"	10.0	ND	103	74.3-128		3.25	19.8	
Dibromochloromethane	10.2		"	10.0	ND	102	76.8-150		0.392	20.8	
Dibromomethane	10.6		"	10.0	ND	106	83.3-140		0.942	20.4	
Dichlorodifluoromethane	9.67		"	10.0	ND	96.7	51-100		3.15	27.6	
Ethyl Benzene	10.5		"	10.0	ND	105	82.9-127		1.05	21.4	
Hexachlorobutadiene	8.74		"	10.0	ND	87.4	73-128		4.56	26	
Isopropylbenzene	9.63		"	10.0	ND	96.3	78.7-131		3.92	26.7	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0	ND	106	81.2-134		4.43	21.2	
Methylene chloride	8.72		"	10.0	ND	87.2	57.8-103		5.42	21.2	
Naphthalene	10.6		"	10.0	ND	106	80.1-122		12.5	26.1	
n-Butylbenzene	9.33		"	10.0	ND	93.3	72.4-120		7.22	30.8	
n-Propylbenzene	9.55		"	10.0	ND	95.5	74-130		4.83	31	
o-Xylene	10.2		"	10.0	ND	102	78.8-122		2.18	21	
p- & m- Xylenes	20.9		"	20.0	ND	104	82.5-123		1.16	22.5	
p-Isopropyltoluene	9.31		"	10.0	ND	93.1	64.9-132		4.62	25.2	
sec-Butylbenzene	9.86		"	10.0	ND	98.6	25.4-151		4.25	25.2	
Styrene	12.8		"	10.0	ND	128	74.1-134		2.61	20	
tert-Butylbenzene	9.12		"	10.0	ND	91.2	79.5-171		3.57	24.8	
Tetrachloroethylene	10.9		"	10.0	0.990	99.2	72.5-130		2.29	22.7	
Toluene	10.3		"	10.0	ND	103	77.8-121		0.388	21.5	
trans-1,2-Dichloroethylene	10.4		"	10.0	ND	104	83.8-140		3.13	20.1	
trans-1,3-Dichloropropylene	9.81		"	10.0	ND	98.1	74.9-136		0.00	22.5	
Trichloroethylene	11.1		"	10.0	0.610	105	84.4-125		0.381	20.7	
Trichlorofluoromethane	10.8		"	10.0	ND	108	78.7-127		3.88	24.7	
Vinyl Chloride	9.96		"	10.0	ND	99.6	72.1-116		2.03	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13A0419-01	GWQ011413:1000NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0419-02	GWQ011413:1010NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0419-03	GWQ011413:1020NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13A0419-04	GWQ011413:1030NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 13A0419

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

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

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)
GWQ011413:1000NP1-1-2	01/14/13 1000	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ011413:1000NP1-1-2MS	1000	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ011413:1000NP1-1-2MSD	1000	GW	VOC 8260 full list (EPA SW846-8260B)	2v
~~GWQ011413:1010~~		GW	~~VOC 8260 full list (EPA SW846-8260B)~~	
GWQ011413:1010NP1-1-6	1010	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ011413:1020NP1-1-7	1020	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ011413:1030NP1-1-4	1030	GW	VOC 8260 full list (EPA SW846-8260B)	2v
		GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/15/13 930	Fridge	1/15/13 930
	1/15/13 1300	TC Mahl	1/15/13 1300
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: 4.3°C

APPENDIX III
JANUARY 2013 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 Komuves-Sandor

Report Date: 01/18/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0230

Report Date: 01/18/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13A0230

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-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 January 09, 2013 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
13A0230-01	AQ010713:1200NP4-1	Vapor Extraction	01/07/2013	01/09/2013
13A0230-02	AQ010713:1205NP4-2	Vapor Extraction	01/07/2013	01/09/2013
13A0230-03	AQ010713:1210NP4-3	Vapor Extraction	01/07/2013	01/09/2013

General Notes for York Project (SDG) No.: 13A0230

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

Approved By: 

Date: 01/18/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: AQ010713:1200NP4-1 **York Sample ID:** 13A0230-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:00 pm	01/09/2013

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
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	0.43	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.59	0.59	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.45	0.45	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
108-88-3	Toluene	ND		ug/m³	0.64	0.64	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.50	0.50	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.1	1.1	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
100-42-5	Styrene	ND		ug/m³	0.72	0.72	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
115-07-01	Propylene	ND		ug/m³	0.29	0.29	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.1	4.1	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.73	0.73	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
95-47-6	o-Xylene	ND		ug/m³	0.73	0.73	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
110-54-3	n-Hexane	ND		ug/m³	0.59	0.59	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
142-82-5	n-Heptane	ND		ug/m³	0.69	0.69	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-09-2	Methylene chloride	ND		ug/m³	0.59	0.59	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	0.61	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	0.69	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
67-63-0	Isopropanol	ND		ug/m³	0.41	0.41	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.73	0.73	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.61	0.61	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
110-82-7	Cyclohexane	ND		ug/m³	0.58	0.58	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
74-87-3	Chloromethane	ND		ug/m³	0.35	0.35	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
67-66-3	Chloroform	ND		ug/m³	0.82	0.82	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-00-3	Chloroethane	ND		ug/m³	0.44	0.44	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.53	0.53	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.52	0.52	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
74-83-9	Bromomethane	ND		ug/m³	0.65	0.65	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.0	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD

Sample Information

Client Sample ID: AQ010713:1200NP4-1 **York Sample ID:** 13A0230-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:00 pm	01/09/2013

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
100-44-7	Benzyl chloride	ND		ug/m³	0.87	0.87	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
71-43-2	Benzene	ND		ug/m³	0.54	0.54	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
67-64-1	Acetone	**5.2**		ug/m³	0.40	0.40	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
591-78-6	2-Hexanone	ND		ug/m³	0.69	0.69	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
78-93-3	2-Butanone	ND		ug/m³	0.50	0.50	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.61	0.61	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.73	0.73	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	0.78	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	0.68	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.67	0.67	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	0.68	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.95	0.95	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	0.92	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.92	0.92	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
75-71-8	Dichlorodifluoromethane	**2.7**		ug/m³	0.83	0.83	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	0.69	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.78	0.78	1.657	EPA Compendium TO-15	01/14/2013 09:00	01/14/2013 17:06	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.1 %*	*70-130*

Sample Information

Client Sample ID: AQ010713:1205NP4-2 **York Sample ID:** 13A0230-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:05 pm	01/09/2013

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
75-01-4	Vinyl Chloride	ND		ug/m³	0.44	0.44	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.61	0.61	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
79-01-6	Trichloroethylene	**6.2**		ug/m³	0.46	0.46	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
108-88-3	Toluene	**3.3**		ug/m³	0.65	0.65	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.51	0.51	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
127-18-4	Tetrachloroethylene	**240**		ug/m³	1.2	1.2	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
100-42-5	Styrene	ND		ug/m³	0.74	0.74	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
115-07-01	Propylene	ND		ug/m³	0.30	0.30	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.2	4.2	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.75	0.75	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
95-47-6	o-Xylene	ND		ug/m³	0.75	0.75	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
110-54-3	n-Hexane	ND		ug/m³	0.61	0.61	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
142-82-5	n-Heptane	ND		ug/m³	0.71	0.71	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-09-2	Methylene chloride	ND		ug/m³	0.60	0.60	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.62	0.62	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.71	0.71	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
67-63-0	Isopropanol	ND		ug/m³	0.42	0.42	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.75	0.75	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.62	0.62	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
110-82-7	Cyclohexane	ND		ug/m³	0.59	0.59	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
67-66-3	Chloroform	**3.0**		ug/m³	0.84	0.84	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.54	0.54	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-15-0	Carbon disulfide	**1.4**		ug/m³	0.54	0.54	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
74-83-9	Bromomethane	ND		ug/m³	0.67	0.67	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.89	0.89	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD

Sample Information

Client Sample ID: AQ010713:1205NP4-2 **York Sample ID:** 13A0230-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:05 pm	01/09/2013

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
71-43-2	Benzene	ND		ug/m³	0.55	0.55	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
67-64-1	Acetone	**18**		ug/m³	0.41	0.41	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
591-78-6	2-Hexanone	ND		ug/m³	0.71	0.71	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
78-93-3	2-Butanone	ND		ug/m³	0.51	0.51	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.62	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.75	0.75	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.85	0.85	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.80	0.80	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.70	0.70	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.85	0.85	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.68	0.68	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.70	0.70	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.2**		ug/m³	0.97	0.97	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.94	0.94	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
71-55-6	1,1,1-Trichloroethane	**15**		ug/m³	0.94	0.94	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
75-71-8	Dichlorodifluoromethane	**3.2**		ug/m³	0.85	0.85	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.71	0.71	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.79	0.79	1.697	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 21:35	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*70-130*

Sample Information

Client Sample ID: AQ010713:1210NP4-3 **York Sample ID:** 13A0230-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:10 pm	01/09/2013

Sample Information

Client Sample ID: AQ010713:1210NP4-3 **York Sample ID:** 13A0230-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:10 pm	01/09/2013

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
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	0.45	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.62	0.62	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.47	0.47	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.69	0.69	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
108-88-3	Toluene	ND		ug/m³	0.66	0.66	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
109-99-9	Tetrahydrofuran	**3.6**		ug/m³	0.52	0.52	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
100-42-5	Styrene	ND		ug/m³	0.75	0.75	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
115-07-01	Propylene	ND		ug/m³	0.30	0.30	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.3	4.3	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
1330-20-7P/M	p- & m- Xylenes	**2.4**		ug/m³	0.76	0.76	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
95-47-6	o-Xylene	**1.4**		ug/m³	0.76	0.76	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
110-54-3	n-Hexane	ND		ug/m³	0.62	0.62	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
142-82-5	n-Heptane	ND		ug/m³	0.72	0.72	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-09-2	Methylene chloride	ND		ug/m³	0.61	0.61	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	0.63	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	0.72	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
67-63-0	Isopropanol	ND		ug/m³	0.43	0.43	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.76	0.76	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.63	0.63	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
110-82-7	Cyclohexane	ND		ug/m³	0.60	0.60	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
156-59-2	cis-1,2-Dichloroethylene	**1.5**		ug/m³	0.69	0.69	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
67-66-3	Chloroform	**4.7**		ug/m³	0.85	0.85	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.55	0.55	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.54	0.54	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
74-83-9	Bromomethane	ND		ug/m³	0.68	0.68	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.91	0.91	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD

Sample Information

Client Sample ID: AQ010713:1210NP4-3 **York Sample ID:** 13A0230-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13A0230	Rowe Industries	Vapor Extraction	January 7, 2013 12:10 pm	01/09/2013

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
71-43-2	Benzene	ND		ug/m³	0.56	0.56	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
67-64-1	Acetone	**51**		ug/m³	0.42	0.42	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
591-78-6	2-Hexanone	ND		ug/m³	0.72	0.72	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
78-93-3	2-Butanone	**3.5**		ug/m³	0.52	0.52	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.63	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.76	0.76	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.86	0.86	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	0.81	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	0.71	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
95-63-6	1,2,4-Trimethylbenzene	**1.5**		ug/m³	0.86	0.86	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.69	0.69	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-34-3	1,1-Dichloroethane	**5.6**		ug/m³	0.71	0.71	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.3**		ug/m³	0.98	0.98	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.95	0.95	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
71-55-6	1,1,1-Trichloroethane	**30**		ug/m³	0.95	0.95	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
75-71-8	Dichlorodifluoromethane	**3.5**		ug/m³	0.87	0.87	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.81	0.81	1.72	EPA Compendium TO-15	01/14/2013 09:00	01/17/2013 22:24	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BA30526 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
13A0230-01	AQ010713:1200NP4-1	01/14/13
BA30526-BLK1	Blank	01/14/13
BA30526-BS1	LCS	01/14/13
BA30526-DUP1	Duplicate	01/14/13

Batch ID: BA30661 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
13A0230-02	AQ010713:1205NP4-2	01/14/13
13A0230-03	AQ010713:1210NP4-3	01/14/13
BA30661-BLK1	Blank	01/16/13
BA30661-BS1	LCS	01/16/13
BA30661-DUP1	Duplicate	01/16/13

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 BA30526 - EPA TO15 PREP

Blank (BA30526-BLK1) Prepared & Analyzed: 01/14/2013

Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
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	ND	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	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
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	0.50	"								
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 BA30526 - EPA TO15 PREP											
Blank (BA30526-BLK1)								Prepared & Analyzed: 01/14/2013			
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	*8.65*		*ppbv*	*10.0*		*86.5*	*70-130*				
LCS (BA30526-BS1)								Prepared & Analyzed: 01/14/2013			
Vinyl Chloride	10.0		ppbv	10.1		99.5	70-130				
Vinyl acetate	4.44		"	9.70		45.8	58.1-135	Low Bias			
Trichloroethylene	9.37		"	10.2		91.9	70-130				
trans-1,3-Dichloropropylene	7.68		"	9.90		77.6	62-135				
trans-1,2-Dichloroethylene	8.93		"	9.50		94.0	58.3-130				
Toluene	10.6		"	10.8		98.1	64.9-126				
Tetrahydrofuran	9.86		"	10.2		96.7	44.6-146				
Tetrachloroethylene	10.0		"	10.5		95.2	70-130				
Styrene	9.96		"	10.7		93.1	66.4-132				
Propylene	11.0		"	11.0		99.5	62.4-150				
p-Ethyltoluene	10.5		"	10.4		101	73.8-146				
p- & m- Xylenes	20.0		"	21.0		95.3	56.6-136				
o-Xylene	10.5		"	10.8		97.2	67.8-133				
n-Hexane	9.63		"	10.3		93.5	59.7-130				
n-Heptane	10.0		"	10.4		96.4	62.3-134				
Methylene chloride	8.53		"	10.0		85.3	62.6-130				
Methyl tert-butyl ether (MTBE)	10.2		"	10.2		99.7	60.7-139				
4-Methyl-2-pentanone	9.39		"	10.0		93.9	64.5-158				
Isopropanol	13.6		"	9.90		138	60-150				
Hexachlorobutadiene	18.8		"	11.0		171	61.2-150	High Bias			
Ethyl Benzene	9.99		"	10.7		93.4	68.4-125				
Ethyl acetate	11.9		"	10.0		119	40.6-150				
Cyclohexane	9.44		"	10.2		92.5	60.4-127				
cis-1,3-Dichloropropylene	8.93		"	10.7		83.5	65.5-129				
cis-1,2-Dichloroethylene	9.27		"	10.5		88.3	51.3-118				
Chloromethane	9.23		"	10.1		91.4	64.9-130				
Chloroform	9.32		"	10.0		93.2	65.1-130				
Chloroethane	11.0		"	10.1		109	52.1-131				
Carbon tetrachloride	8.78		"	10.1		86.9	70-130				
Carbon disulfide	8.73		"	10.0		87.3	61.8-111				
Bromomethane	8.50		"	10.2		83.3	60.1-140				
Bromoform	9.46		"	10.5		90.1	58.7-150				
Bromodichloromethane	10.2		"	10.2		99.5	65.3-127				
Benzyl chloride	4.75		"	10.2		46.6	62.5-150	Low Bias			
Benzene	9.18		"	10.4		88.3	69.5-130				
Acetone	11.0		"	10.0		110	55.3-133				
2-Hexanone	8.24		"	10.1		81.6	52-150				
2-Butanone	8.66		"	10.0		86.6	28.5-154				
1,4-Dioxane	11.0		"	10.2		108	50-150				
1,4-Dichlorobenzene	10.5		"	10.6		99.0	62.5-139				
1,3-Dichlorobenzene	10.1		"	10.2		99.3	71.9-153				
1,3-Butadiene	10.2		"	10.5		96.8	66.7-127				
1,3,5-Trimethylbenzene	10.7		"	10.6		101	65-152				
1,2-Dichlorotetrafluoroethane	9.67		"	10.1		95.7	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 BA30526 - EPA TO15 PREP											
LCS (BA30526-BS1)								Prepared & Analyzed: 01/14/2013			
1,2-Dichloropropane	9.56		ppbv	10.7		89.3	21.3-152				
1,2-Dichloroethane	10.2		"	10.4		97.8	51.2-124				
1,2-Dichlorobenzene	10.5		"	10.6		99.2	63.7-148				
1,2,4-Trimethylbenzene	11.2		"	10.7		104	67.9-152				
1,2,4-Trichlorobenzene	20.2		"	11.0		184	58-147	High Bias			
1,1-Dichloroethylene	9.36		"	9.80		95.5	58.1-130				
1,1-Dichloroethane	9.39		"	10.2		92.1	63.3-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.5		96.9	56-132				
1,1,2-Trichloroethane	10.2		"	10.7		95.2	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.02		"	9.70		93.0	60.2-125				
1,1,2,2-Tetrachloroethane	9.94		"	10.8		92.0	63.7-132				
1,1,1-Trichloroethane	10.1		"	10.4		96.7	58.2-126				
Dichlorodifluoromethane	9.71		"	10.0		97.1	62.8-133				
1,2-Dibromoethane	9.48		"	10.6		89.4	70-130				
Dibromochloromethane	10.7		"	10.6		101	70-130				
Methyl Methacrylate	9.20		"	10.1		91.1	70-130				
Chlorobenzene	9.71		"	10.8		89.9	67.6-122				
Surrogate: p-Bromofluorobenzene	*9.22*		*"*	*10.0*		*92.2*	*70-130*				
Duplicate (BA30526-DUP1)	*Source sample: 13A0230-01 (AQ010713:1200NP4-1)							Prepared & Analyzed: 01/14/2013			
Vinyl Chloride	ND	0.43	ug/m³		ND					25	
Vinyl acetate	ND	0.59	"		ND					25	
Trichloroethylene	ND	0.45	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.76	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.67	"		ND					25	
Toluene	ND	0.64	"		ND					25	
Tetrahydrofuran	ND	0.50	"		ND					25	
Tetrachloroethylene	ND	1.1	"		ND					25	
Styrene	ND	0.72	"		ND					25	
Propylene	ND	0.29	"		ND					25	
p-Ethyltoluene	ND	4.1	"		ND					25	
p- & m- Xylenes	ND	0.73	"		ND					25	
o-Xylene	ND	0.73	"		ND					25	
n-Hexane	ND	0.59	"		ND					25	
n-Heptane	ND	0.69	"		ND					25	
Methylene chloride	ND	0.59	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.61	"		ND					25	
4-Methyl-2-pentanone	ND	0.69	"		ND					25	
Isopropanol	ND	0.41	"		ND					25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	ND	0.73	"		ND					25	
Ethyl acetate	ND	0.61	"		ND					25	
Cyclohexane	ND	0.58	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.76	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.67	"		ND					25	
Chloromethane	ND	0.35	"		ND					25	
Chloroform	ND	0.82	"		ND					25	
Chloroethane	ND	0.44	"		ND					25	
Carbon tetrachloride	ND	0.53	"		ND					25	
Carbon disulfide	ND	0.52	"		ND					25	
Bromomethane	ND	0.65	"		ND					25	
Bromoform	ND	1.7	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Benzyl chloride	ND	0.87	"		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 BA30526 - EPA TO15 PREP											
Duplicate (BA30526-DUP1)	*Source sample: 13A0230-01 (AQ010713:1200NP4-1)								Prepared & Analyzed: 01/14/2013		
Benzene	ND	0.54	ug/m³		ND					25	
Acetone	4.3	0.40	"		5.2				17.7	25	
2-Hexanone	ND	0.69	"		ND					25	
2-Butanone	ND	0.50	"		ND					25	
1,4-Dioxane	ND	0.61	"		ND					25	
1,4-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Butadiene	ND	0.73	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.83	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.78	"		ND					25	
1,2-Dichloroethane	ND	0.68	"		ND					25	
1,2-Dichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.83	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.67	"		ND					25	
1,1-Dichloroethane	ND	0.68	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	0.95	"		ND					25	
1,1,2-Trichloroethane	ND	0.92	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	ND	0.92	"		ND					25	
Dichlorodifluoromethane	2.2	0.83	"		2.7				20.7	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.69	"		ND					25	
Chlorobenzene	ND	0.78	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.64*		*ppbv*	*10.0*		*96.4*	*70-130*				

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 BA30661 - EPA TO15 PREP

Blank (BA30661-BLK1) Prepared: 01/16/2013 Analyzed: 01/17/2013

Vinyl Chloride	ND	0.26	ug/m³
Vinyl acetate	ND	0.36	"
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	ND	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	0.42	"
2-Butanone	ND	0.30	"
1,4-Dioxane	ND	0.37	"
1,4-Dichlorobenzene	ND	0.61	"
1,3-Dichlorobenzene	ND	0.61	"
1,3-Butadiene	ND	0.44	"
1,3,5-Trimethylbenzene	ND	0.50	"
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	0.50	"
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 BA30661 - EPA TO15 PREP											
Blank (BA30661-BLK1)									Prepared: 01/16/2013 Analyzed: 01/17/2013		
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	*8.87*		*ppbv*	*10.0*		*88.7*	*70-130*				
LCS (BA30661-BS1)									Prepared: 01/16/2013 Analyzed: 01/17/2013		
Vinyl Chloride	12.7		ppbv	10.1		126	70-130				
Vinyl acetate	4.94		"	9.70		50.9	58.1-135	Low Bias			
Trichloroethylene	13.0		"	10.2		128	70-130				
trans-1,3-Dichloropropylene	9.13		"	9.90		92.2	62-135				
trans-1,2-Dichloroethylene	9.87		"	9.50		104	58.3-130				
Toluene	13.1		"	10.8		121	64.9-126				
Tetrahydrofuran	7.83		"	10.2		76.8	44.6-146				
Tetrachloroethylene	14.2		"	10.5		135	70-130	High Bias			
Styrene	12.2		"	10.7		114	66.4-132				
Propylene	12.6		"	11.0		114	62.4-150				
p-Ethyltoluene	12.0		"	10.4		115	73.8-146				
p- & m- Xylenes	24.2		"	21.0		115	56.6-136				
o-Xylene	12.6		"	10.8		117	67.8-133				
n-Hexane	10.8		"	10.3		105	59.7-130				
n-Heptane	11.4		"	10.4		110	62.3-134				
Methylene chloride	9.46		"	10.0		94.6	62.6-130				
Methyl tert-butyl ether (MTBE)	9.88		"	10.2		96.9	60.7-139				
4-Methyl-2-pentanone	4.62		"	10.0		46.2	64.5-158	Low Bias			
Isopropanol	5.90		"	9.90		59.6	60-150	Low Bias			
Hexachlorobutadiene	13.8		"	11.0		125	61.2-150				
Ethyl Benzene	12.0		"	10.7		113	68.4-125				
Ethyl acetate	8.21		"	10.0		82.1	40.6-150				
Cyclohexane	10.6		"	10.2		104	60.4-127				
cis-1,3-Dichloropropylene	11.1		"	10.7		104	65.5-129				
cis-1,2-Dichloroethylene	10.3		"	10.5		97.9	51.3-118				
Chloromethane	11.2		"	10.1		111	64.9-130				
Chloroform	10.5		"	10.0		105	65.1-130				
Chloroethane	12.8		"	10.1		126	52.1-131				
Carbon tetrachloride	9.91		"	10.1		98.1	70-130				
Carbon disulfide	10.0		"	10.0		100	61.8-111				
Bromomethane	10.1		"	10.2		99.0	60.1-140				
Bromoform	12.7		"	10.5		121	58.7-150				
Bromodichloromethane	13.1		"	10.2		129	65.3-127	High Bias			
Benzyl chloride	3.40		"	10.2		33.3	62.5-150	Low Bias			
Benzene	9.45		"	10.4		90.9	69.5-130				
Acetone	7.91		"	10.0		79.1	55.3-133				
2-Hexanone	2.47		"	10.1		24.5	52-150	Low Bias			
2-Butanone	5.92		"	10.0		59.2	28.5-154				
1,4-Dioxane	3.67		"	10.2		36.0	50-150	Low Bias			
1,4-Dichlorobenzene	11.7		"	10.6		110	62.5-139				
1,3-Dichlorobenzene	11.4		"	10.2		112	71.9-153				
1,3-Butadiene	12.5		"	10.5		119	66.7-127				
1,3,5-Trimethylbenzene	11.9		"	10.6		112	65-152				
1,2-Dichlorotetrafluoroethane	11.6		"	10.1		115	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 BA30661 - EPA TO15 PREP											
LCS (BA30661-BS1)								Prepared: 01/16/2013 Analyzed: 01/17/2013			
1,2-Dichloropropane	11.6		ppbv	10.7		108	21.3-152				
1,2-Dichloroethane	10.0		"	10.4		96.5	51.2-124				
1,2-Dichlorobenzene	10.9		"	10.6		103	63.7-148				
1,2,4-Trimethylbenzene	11.6		"	10.7		109	67.9-152				
1,2,4-Trichlorobenzene	14.9		"	11.0		136	58-147				
1,1-Dichloroethylene	10.5		"	9.80		107	58.1-130				
1,1-Dichloroethane	10.3		"	10.2		101	63.3-130				
Trichlorofluoromethane (Freon 11)	11.6		"	10.5		110	56-132				
1,1,2-Trichloroethane	12.8		"	10.7		119	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	9.70		107	60.2-125				
1,1,2,2-Tetrachloroethane	10.7		"	10.8		99.3	63.7-132				
1,1,1-Trichloroethane	11.3		"	10.4		109	58.2-126				
Dichlorodifluoromethane	11.4		"	10.0		114	62.8-133				
1,2-Dibromoethane	11.6		"	10.6		110	70-130				
Dibromochloromethane	14.1		"	10.6		133	70-130	High Bias			
Methyl Methacrylate	11.1		"	10.1		110	70-130				
Chlorobenzene	11.6		"	10.8		108	67.6-122				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*70-130*				
Duplicate (BA30661-DUP1)	*Source sample: 13A0230-03 (AQ010713:1210NP4-3)							Prepared: 01/16/2013 Analyzed: 01/18/2013			
Vinyl Chloride	ND	0.45	ug/m³		ND					25	
Vinyl acetate	ND	0.62	"		ND					25	
Trichloroethylene	ND	0.47	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.79	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.69	"		ND					25	
Toluene	ND	0.66	"		ND					25	
Tetrahydrofuran	4.2	0.52	"		3.6				14.6	25	
Tetrachloroethylene	ND	1.2	"		ND					25	
Styrene	ND	0.75	"		ND					25	
Propylene	ND	0.30	"		ND					25	
p-Ethyltoluene	ND	4.3	"		ND					25	
p- & m- Xylenes	2.4	0.76	"		2.4				3.17	25	
o-Xylene	1.4	0.76	"		1.4				5.41	25	
n-Hexane	ND	0.62	"		ND					25	
n-Heptane	ND	0.72	"		ND					25	
Methylene chloride	ND	0.61	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.63	"		ND					25	
4-Methyl-2-pentanone	ND	0.72	"		ND					25	
Isopropanol	ND	0.43	"		ND					25	
Hexachlorobutadiene	ND	1.9	"		ND					25	
Ethyl Benzene	ND	0.76	"		ND					25	
Ethyl acetate	ND	0.63	"		ND					25	
Cyclohexane	ND	0.60	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.79	"		ND					25	
cis-1,2-Dichloroethylene	1.6	0.69	"		1.5				9.09	25	
Chloromethane	ND	0.36	"		ND					25	
Chloroform	4.5	0.85	"		4.7				3.70	25	
Chloroethane	ND	0.46	"		ND					25	
Carbon tetrachloride	ND	0.55	"		ND					25	
Carbon disulfide	ND	0.54	"		ND					25	
Bromomethane	ND	0.68	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.91	"		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 BA30661 - EPA TO15 PREP											
Duplicate (BA30661-DUP1)	*Source sample: 13A0230-03 (AQ010713:1210NP4-3)								Prepared: 01/16/2013 Analyzed: 01/18/2013		
Benzene	ND	0.56	ug/m³		ND					25	
Acetone	48	0.42	"		51				5.67	25	
2-Hexanone	ND	0.72	"		ND					25	
2-Butanone	3.8	0.52	"		3.5				9.93	25	
1,4-Dioxane	ND	0.63	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.76	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.86	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.81	"		ND					25	
1,2-Dichloroethane	ND	0.71	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	1.7	0.86	"		1.5				10.5	25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.69	"		ND					25	
1,1-Dichloroethane	5.7	0.71	"		5.6				2.50	25	
Trichlorofluoromethane (Freon 11)	2.2	0.98	"		2.3				4.44	25	
1,1,2-Trichloroethane	ND	0.95	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	26	0.95	"		30				13.1	25	
Dichlorodifluoromethane	3.3	0.87	"		3.5				5.13	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.72	"		ND					25	
Chlorobenzene	ND	0.81	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.47*		*ppbv*	*10.0*		*94.7*	*70-130*				

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.

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 13A0230

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.

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/Deliverables

- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg X, pdf
- 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
AQ010713: 1200NP4-1	1/7/13 1200	AE	Grab	Grab	EPA TO-15 List.	6 Liter Summa canister ✓ / Tedlar Bag ___
AQ010713: 1205NP4-2	1205	AE				6 Liter Summa canister ✓ / Tedlar Bag ___
AQ010713: 1210NP4-3	1210	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 ___
					9:55	6 Liter Summa canister ___ / Tedlar Bag ___
					Chris C 1-9-13	6 Liter Summa canister ___ / Tedlar Bag ___

Comments

Samples Relinquished By — Date/Time: 1/8/13 1300

Samples Relinquished By — Date/Time:

Samples Received By: Fridge/Fieldroom — Date/Time: 1/8/13 1300

Samples Received in LAB by: J. Lake — Date/Time: 1/9/13 - 1605