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-Jul-12	7.8	127	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<2	ND<0.5	0.69	0.020
10-Jul-12	8.0	107	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	1.3 J,B	ND<0.5	ND<2	ND<0.5	1.86	0.027
16-Jul-12	7.1	105	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	1.8 J	ND<0.5	2.21	0.488
25-Jul-12	6.5	115	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	0.20 J,B	ND<0.5	1.81	0.033
31-Jul-12	7.2	131	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.45 J	ND<0.5	0.25 J	ND<2	ND<0.5	2.0	ND<0.5	3.48	0.216

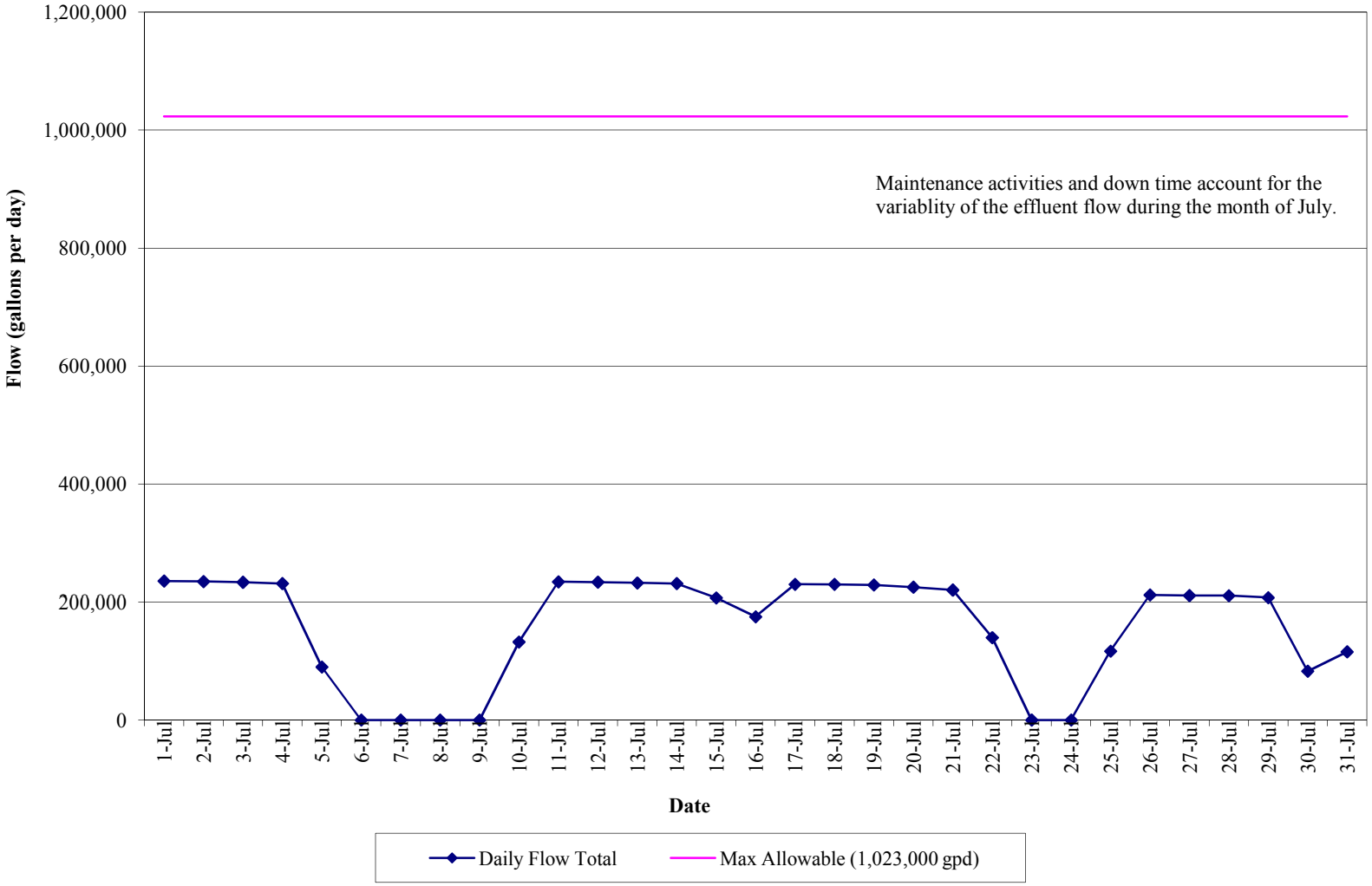
SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
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.

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

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



APPENDIX I
JULY 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 07/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0090

Report Date: 07/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0090

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0090-01	WQ7212:1020NP2-6	Water	07/02/2012	07/03/2012
12G0090-02	WQ7212:1025NP2-7	Water	07/02/2012	07/03/2012
12G0091-01	WQ7212:1030NP2-10	Water	07/02/2012	07/03/2012

General Notes for York Project (SDG) No.: 12G0090

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:** 07/11/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ7212:1020NP2-6 **York Sample ID:** 12G0090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:20 am	07/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
71-55-6	**1,1,1-Trichloroethane**	**1.1**		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-34-3	**1,1-Dichloroethane**	**0.54**		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS

Sample Information

Client Sample ID: **WQ7212:1020NP2-6** **York Sample ID:** **12G0090-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:20 am	07/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
67-66-3	**Chloroform**	**0.15**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.22**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-09-2	**Methylene chloride**	**0.85**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
127-18-4	**Tetrachloroethylene**	**2.9**		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
79-01-6	**Trichloroethylene**	**0.20**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 20:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*81.2-127*

Sample Information

Client Sample ID: WQ7212:1020NP2-6 **York Sample ID:** 12G0090-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:20 am	07/03/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.108**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 10:54	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.94**		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 10:59	MW

Sample Information

Client Sample ID: WQ7212:1025NP2-7 **York Sample ID:** 12G0090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:25 am	07/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS

Sample Information

Client Sample ID: WQ7212:1025NP2-7 **York Sample ID:** 12G0090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:25 am	07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
67-64-1	**Acetone**	**1.3**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-09-2	**Methylene chloride**	**0.91**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS

Sample Information

Client Sample ID: WQ7212:1025NP2-7 **York Sample ID:** 12G0090-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0090	Rowe Industries	Water	July 2, 2012 10:25 am	07/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*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**	**0.138**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 11:05	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.971**		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 11:10	MW

Sample Information

Client Sample ID: WQ7212:1030NP2-10 **York Sample ID:** 12G0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0091	Rowe Industries	Water	July 2, 2012 10:30 am	07/03/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS

Sample Information

Client Sample ID: WQ7212:1030NP2-10 **York Sample ID:** 12G0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0091	Rowe Industries	Water	July 2, 2012 10:30 am	07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS

Sample Information

Client Sample ID: WQ7212:1030NP2-10 **York Sample ID:** 12G0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0091	Rowe Industries	Water	July 2, 2012 10:30 am	07/03/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-09-2	**Methylene chloride**	**0.93**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/06/2012 13:09	07/06/2012 21:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81.2-127*

Sample Information

Client Sample ID: WQ7212:1030NP2-10 **York Sample ID:** 12G0091-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0091	Rowe Industries	Water	July 2, 2012 10:30 am	07/03/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0202**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/11/2012 09:09	07/11/2012 11:15	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.688**		mg/L	0.00550	0.0100	1	EPA 200.7	07/11/2012 09:09	07/11/2012 11:49	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	**127**		mg/L	1.00	1.00	1	SM 2540C	07/09/2012 10:35	07/11/2012 10:35	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG20261 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0091-01	WQ7212:1030NP2-10	07/09/12
BG20261-BLK1	Blank	07/09/12
BG20261-DUP2	Duplicate	07/09/12

Batch ID: BG20268 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0090-01	WQ7212:1020NP2-6	07/06/12
12G0090-02	WQ7212:1025NP2-7	07/06/12
12G0091-01	WQ7212:1030NP2-10	07/06/12
BG20268-BLK1	Blank	07/06/12
BG20268-BS1	LCS	07/06/12
BG20268-BSD1	LCS Dup	07/06/12

Batch ID: BG20462 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0090-01	WQ7212:1020NP2-6	07/11/12
12G0090-01	WQ7212:1020NP2-6	07/11/12
12G0090-02	WQ7212:1025NP2-7	07/11/12
12G0090-02	WQ7212:1025NP2-7	07/11/12
12G0091-01	WQ7212:1030NP2-10	07/11/12
12G0091-01	WQ7212:1030NP2-10	07/11/12
BG20462-BLK1	Blank	07/11/12
BG20462-BLK1	Blank	07/11/12
BG20462-DUP1	Duplicate	07/11/12
BG20462-DUP1	Duplicate	07/11/12
BG20462-MS1	Matrix Spike	07/11/12
BG20462-MS1	Matrix Spike	07/11/12
BG20462-SRM1	Reference	07/11/12
BG20462-SRM1	Reference	07/11/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20268 - EPA 5030B											
Blank (BG20268-BLK1)											
Prepared & Analyzed: 07/06/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	6.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.5	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 BG20268 - EPA 5030B											
Blank (BG20268-BLK1)								Prepared & Analyzed: 07/06/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.90*		*"*	*10.0*		*99.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*63.5-145*				
Surrogate: Toluene-d8	*10.9*		*"*	*10.0*		*109*	*81.2-127*				
LCS (BG20268-BS1)								Prepared & Analyzed: 07/06/2012			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129				
1,1,2-Trichloroethane	10.8		"	10.0		108	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146				
1,1-Dichloropropylene	10.5		"	10.0		105	75-136				
1,2,3-Trichlorobenzene	11.7		"	10.0		117	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	11.5		"	10.0		115	75.3-135				
1,2-Dibromo-3-chloropropane	9.52		"	10.0		95.2	58.9-140				
1,2-Dibromoethane	10.8		"	10.0		108	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132				
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127				
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125				
2,2-Dichloropropane	11.7		"	10.0		117	69-133				
2-Chlorotoluene	10.8		"	10.0		108	66.3-119				
2-Hexanone	8.22		"	10.0		82.2	70-130				
4-Chlorotoluene	11.0		"	10.0		110	69.2-127				
Acetone	5.96		"	10.0		59.6	70-130	Low Bias			
Benzene	10.2		"	10.0		102	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	10.0		"	10.0		100	70.8-137				
Bromodichloromethane	11.5		"	10.0		115	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	7.18		"	10.0		71.8	43.9-147				
Carbon tetrachloride	11.1		"	10.0		111	78.1-138				
Chlorobenzene	10.7		"	10.0		107	80.4-125				
Chloroethane	9.22		"	10.0		92.2	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	6.93		"	10.0		69.3	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20268 - EPA 5030B											
LCS (BG20268-BS1)							Prepared & Analyzed: 07/06/2012				
Dibromochloromethane	11.0		ug/L	10.0		110	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	5.95		"	10.0		59.5	47.1-101				
Ethyl Benzene	12.0		"	10.0		120	80.8-128				
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128				
Isopropylbenzene	12.3		"	10.0		123	75.5-135				
Methyl tert-butyl ether (MTBE)	5.28		"	10.0		52.8	65.1-140	Low Bias			
Methylene chloride	8.27		"	10.0		82.7	61.3-120				
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	12.1		"	10.0		121	67.2-123				
n-Propylbenzene	11.5		"	10.0		115	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	21.3		"	20.0		106	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	11.5		"	10.0		115	71.5-125				
Styrene	10.3		"	10.0		103	77.8-123				
tert-Butylbenzene	11.8		"	10.0		118	75.9-151				
Tetrachloroethylene	11.4		"	10.0		114	63.6-167				
Toluene	10.8		"	10.0		108	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	72.5-137				
Trichloroethylene	11.3		"	10.0		113	77.9-130				
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133				
Vinyl Chloride	8.66		"	10.0		86.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20268 - EPA 5030B											
LCS Dup (BG20268-BSD1)							Prepared & Analyzed: 07/06/2012				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		1.93	21.1	
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137		0.445	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		5.44	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		0.00	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		3.20	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.56	20.6	
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146		0.908	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		0.574	19.3	
1,2,3-Trichlorobenzene	12.5		"	10.0		125	66.1-136		7.03	21.6	
1,2,3-Trichloropropane	10.9		"	10.0		109	63-131		6.34	23.9	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	70.6-136		1.15	21.7	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	75.3-135		4.35	18.8	
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140		7.87	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		1.58	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		0.194	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		0.190	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		2.23	20.7	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127		2.16	18.9	
1,3-Dichlorobenzene	10.8		"	10.0		108	77-124		1.12	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		2.04	22.1	
1,4-Dichlorobenzene	10.8		"	10.0		108	76.6-125		1.22	18.6	
2,2-Dichloropropane	11.5		"	10.0		115	69-133		1.29	19.8	
2-Chlorotoluene	11.0		"	10.0		110	66.3-119		1.38	21.6	
2-Hexanone	9.03		"	10.0		90.3	70-130		9.39	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		2.34	19	
Acetone	4.31		"	10.0		43.1	70-130	Low Bias	32.1	30	Non-dir.
Benzene	10.1		"	10.0		101	76.2-129		0.591	19	
Bromobenzene	10.5		"	10.0		105	71.3-123		0.479	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		0.399	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.91	21	
Bromoform	10.5		"	10.0		105	70.5-141		9.69	21.8	
Bromomethane	7.12		"	10.0		71.2	43.9-147		0.839	28.4	
Carbon tetrachloride	11.0		"	10.0		110	78.1-138		0.812	20.1	
Chlorobenzene	10.8		"	10.0		108	80.4-125		1.67	19.9	
Chloroethane	8.99		"	10.0		89.9	55.8-140		2.53	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		2.62	20.3	
Chloromethane	6.90		"	10.0		69.0	48.8-115		0.434	24.5	
cis-1,2-Dichloroethylene	9.98		"	10.0		99.8	75.1-128		4.41	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		0.00	19.9	
Dibromochloromethane	11.1		"	10.0		111	79.8-134		0.543	21.3	
Dibromomethane	11.3		"	10.0		113	79-130		2.34	22.4	
Dichlorodifluoromethane	5.85		"	10.0		58.5	47.1-101		1.69	23.9	
Ethyl Benzene	12.1		"	10.0		121	80.8-128		1.41	19.2	
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128		0.599	20.6	
Isopropylbenzene	12.5		"	10.0		125	75.5-135		1.46	20	
Methyl tert-butyl ether (MTBE)	6.11		"	10.0		61.1	65.1-140	Low Bias	14.6	23.6	
Methylene chloride	7.87		"	10.0		78.7	61.3-120		4.96	20.4	
Naphthalene	11.0		"	10.0		110	62.3-148		6.28	27.1	
n-Butylbenzene	12.8		"	10.0		128	67.2-123	High Bias	5.22	19.1	
n-Propylbenzene	12.2		"	10.0		122	70.5-127		5.74	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		2.76	19.3	
p- & m- Xylenes	22.0		"	20.0		110	77.7-127		3.65	18.6	
p-Isopropyltoluene	11.8		"	10.0		118	75.6-129		3.18	19.1	
sec-Butylbenzene	11.8		"	10.0		118	71.5-125		2.92	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 BG20268 - EPA 5030B											
LCS Dup (BG20268-BSD1)							Prepared & Analyzed: 07/06/2012				
Styrene	10.4		ug/L	10.0		104	77.8-123		0.968	20.9	
tert-Butylbenzene	12.1		"	10.0		121	75.9-151		2.43	20.9	
Tetrachloroethylene	11.6		"	10.0		116	63.6-167		1.73	27.7	
Toluene	11.0		"	10.0		110	77-123		2.20	18.7	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139		1.28	19.5	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137		1.09	19.3	
Trichloroethylene	11.2		"	10.0		112	77.9-130		1.16	20.5	
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133		1.59	21.4	
Vinyl Chloride	8.67		"	10.0		86.7	54.9-124		0.115	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*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 BG20462 - EPA 3010A											
Blank (BG20462-BLK1)								Prepared & Analyzed: 07/11/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20462-DUP1)	*Source sample: 12G0091-01 (WQ7212:1030NP2-10)							Prepared & Analyzed: 07/11/2012			
Iron - Dissolved	0.0199	0.0100	mg/L		0.0202				1.28	20	
Matrix Spike (BG20462-MS1)	*Source sample: 12G0091-01 (WQ7212:1030NP2-10)							Prepared & Analyzed: 07/11/2012			
Iron - Dissolved	1.07	0.0100	mg/L	1.00	0.0202	105	75-125				
Reference (BG20462-SRM1)								Prepared & Analyzed: 07/11/2012			
Iron - Dissolved	0.268	0.0100	mg/L	0.274		98.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20462 - EPA 3010A											
Blank (BG20462-BLK1)								Prepared & Analyzed: 07/11/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20462-DUP1)	*Source sample: 12G0091-01 (WQ7212:1030NP2-10)							Prepared & Analyzed: 07/11/2012			
Iron	0.705	0.0100	mg/L		0.688				2.43	20	
Matrix Spike (BG20462-MS1)	*Source sample: 12G0091-01 (WQ7212:1030NP2-10)							Prepared & Analyzed: 07/11/2012			
Iron	1.72	0.0100	mg/L	1.00	0.688	103	75-125				
Reference (BG20462-SRM1)								Prepared & Analyzed: 07/11/2012			
Iron	0.268	0.0100	mg/L	0.274		98.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20261 - % Solids Prep											
Blank (BG20261-BLK1)									Prepared: 07/09/2012 Analyzed: 07/11/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BG20261-DUP2)	*Source sample: 12G0091-01 (WQ7212:1030NP2-10)								Prepared: 07/09/2012 Analyzed: 07/11/2012		
Total Dissolved Solids	125	1.00	mg/L		127				1.59	15	

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Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

120 Rebearch 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. 12G0090

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@LBGLT.com

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSA6.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-100 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	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-Special	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	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)
WQ7212-1020NP2-6	7/2/12 1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2V 2P
WQ7212-1025NP2-7	1025	GW		2V 2P
WQ7212-1030NP2-10	1030	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 3C

Comments

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

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	7/3/12 1121	TC Hahn	7/03/12 11:21
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			7/3/12 1430

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. 12G0091

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	NABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address: ↓	E-Mail Address: ↓	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

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

Name (printed): STEPHEN HNAT

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

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ7212:1020NP2-6	7/2/12 1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ7212:1025NP2-7	↓ 1025	GW	↓	2V 2P
WQ7212:1030NP2-10	↓ 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 list (EPA SW845-8260A) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

Preservation (Check those Applicable): 4°C___ Frozen___ HCl___ MeOH___ HNO3___ H2SO4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7/3/12 1121	TC [signature]	7/03/12 11:21
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	7/3/12 1430

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 Sandor

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0365

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0365

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0365-01	WQ71012:1145NP2-6	Water	07/10/2012	07/12/2012
12G0365-02	WQ71012:1150NP2-7	Water	07/10/2012	07/12/2012
12G0366-01	WQ71012:1155NP2-10	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0365

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:** 07/24/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ71012:1145NP2-6 **York Sample ID:** 12G0365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:45 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
71-55-6	1,1,1-Trichloroethane	**0.91**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-34-3	1,1-Dichloroethane	**0.34**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS

Sample Information

Client Sample ID: WQ71012:1145NP2-6 **York Sample ID:** 12G0365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:45 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
67-66-3	Chloroform	**0.12**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
156-59-2	cis-1,2-Dichloroethylene	**0.81**		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-09-2	Methylene chloride	**1.0**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
91-20-3	Naphthalene	**0.11**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
127-18-4	Tetrachloroethylene	**3.2**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
79-01-6	Trichloroethylene	**0.35**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 14:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71012:1145NP2-6 **York Sample ID:** 12G0365-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:45 am	07/12/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.170**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:10	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	**1.39**		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 20:15	MW

Sample Information

Client Sample ID: WQ71012:1150NP2-7 **York Sample ID:** 12G0365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS

Sample Information

Client Sample ID: WQ71012:1150NP2-7 **York Sample ID:** 12G0365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
67-64-1	Acetone	**1.0**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-09-2	Methylene chloride	**1.3**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS

Sample Information

Client Sample ID: WQ71012:1150NP2-7 **York Sample ID:** 12G0365-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0365	Rowe Industries	Water	July 10, 2012 11:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 15:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*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	**0.230**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:20	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	**1.88**		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 20:39	MW

Sample Information

Client Sample ID: WQ71012:1155NP2-10 **York Sample ID:** 12G0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0366	Rowe Industries	Water	July 10, 2012 11:55 am	07/12/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS

Sample Information

Client Sample ID: WQ71012:1155NP2-10 **York Sample ID:** 12G0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0366	Rowe Industries	Water	July 10, 2012 11:55 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
67-64-1	Acetone	**1.0**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS

Sample Information

Client Sample ID: WQ71012:1155NP2-10 **York Sample ID:** 12G0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0366	Rowe Industries	Water	July 10, 2012 11:55 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-09-2	Methylene chloride	**1.3**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 16:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71012:1155NP2-10 **York Sample ID:** 12G0366-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0366	Rowe Industries	Water	July 10, 2012 11:55 am	07/12/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0266**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	07/16/2012 17:27	07/16/2012 20:45	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.86**		mg/L	0.00550	0.0100	1	EPA 200.7	07/16/2012 17:27	07/16/2012 21:04	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	**107**		mg/L	1.00	1.00	1	SM 2540C	07/17/2012 10:11	07/17/2012 10:11	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG20598 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0365-01	WQ71012:1145NP2-6	07/13/12
12G0365-02	WQ71012:1150NP2-7	07/13/12
12G0366-01	WQ71012:1155NP2-10	07/13/12
BG20598-BLK1	Blank	07/13/12
BG20598-BS1	LCS	07/13/12
BG20598-BSD1	LCS Dup	07/13/12

Batch ID: BG20645 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0366-01	WQ71012:1155NP2-10	07/17/12
BG20645-BLK1	Blank	07/17/12
BG20645-DUP1	Duplicate	07/17/12

Batch ID: BG20686 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0365-01	WQ71012:1145NP2-6	07/16/12
12G0365-01	WQ71012:1145NP2-6	07/16/12
12G0365-02	WQ71012:1150NP2-7	07/16/12
12G0365-02	WQ71012:1150NP2-7	07/16/12
12G0366-01	WQ71012:1155NP2-10	07/16/12
12G0366-01	WQ71012:1155NP2-10	07/16/12
BG20686-BLK1	Blank	07/16/12
BG20686-BLK1	Blank	07/16/12
BG20686-DUP1	Duplicate	07/16/12
BG20686-DUP1	Duplicate	07/16/12
BG20686-MS1	Matrix Spike	07/16/12
BG20686-MS1	Matrix Spike	07/16/12
BG20686-SRM1	Reference	07/16/12
BG20686-SRM1	Reference	07/16/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20598 - EPA 5030B											
Blank (BG20598-BLK1)											Prepared & Analyzed: 07/13/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.0	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.63	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	0.67	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.0	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	2.8	2.0	"								
Naphthalene	3.7	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
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 BG20598 - EPA 5030B											
Blank (BG20598-BLK1)								Prepared & Analyzed: 07/13/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81.2-127*				
LCS (BG20598-BS1)								Prepared & Analyzed: 07/13/2012			
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0		99.3	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	6.44		"	10.0		64.4	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	63-131				
1,2,4-Trichlorobenzene	9.23		"	10.0		92.3	70.6-136				
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135				
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	76.1-122				
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124				
1,3-Dichloropropane	9.92		"	10.0		99.2	75.8-126				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	9.22		"	10.0		92.2	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.79		"	10.0		97.9	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	9.95		"	10.0		99.5	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	9.82		"	10.0		98.2	43.9-147				
Carbon tetrachloride	7.80		"	10.0		78.0	78.1-138	Low Bias			
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	11.1		"	10.0		111	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	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 BG20598 - EPA 5030B											
LCS (BG20598-BS1)							Prepared & Analyzed: 07/13/2012				
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	47.1-101				
Ethyl Benzene	11.3		"	10.0		113	80.8-128				
Hexachlorobutadiene	9.81		"	10.0		98.1	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140				
Methylene chloride	9.26		"	10.0		92.6	61.3-120				
Naphthalene	8.69		"	10.0		86.9	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	20.9		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.84		"	10.0		98.4	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133				
Vinyl Chloride	11.4		"	10.0		114	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)							Prepared & Analyzed: 07/13/2012				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		1.10	21.1	
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137		5.91	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	71.1-129		2.30	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		1.82	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		5.19	20.6	
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146		4.99	20	
1,1-Dichloropropylene	7.36		"	10.0		73.6	75-136	Low Bias	13.3	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		6.06	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		2.20	23.9	
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	70.6-136		1.08	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		2.80	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		3.18	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		1.74	23	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	76.1-122		2.28	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		0.179	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		4.12	20.7	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	70.6-127		4.32	18.9	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	77-124		2.44	19.2	
1,3-Dichloropropane	9.89		"	10.0		98.9	75.8-126		0.303	22.1	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	76.6-125		2.97	18.6	
2,2-Dichloropropane	11.4		"	10.0		114	69-133		7.21	19.8	
2-Chlorotoluene	9.84		"	10.0		98.4	66.3-119		3.40	21.6	
2-Hexanone	9.50		"	10.0		95.0	70-130		2.99	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		1.16	19	
Acetone	8.23		"	10.0		82.3	70-130		17.3	30	
Benzene	10.0		"	10.0		100	76.2-129		3.53	19	
Bromobenzene	9.83		"	10.0		98.3	71.3-123		1.21	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		2.06	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.08	21	
Bromoform	10.6		"	10.0		106	70.5-141		9.39	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		4.29	28.4	
Carbon tetrachloride	9.09		"	10.0		90.9	78.1-138		15.3	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		1.85	19.9	
Chloroethane	9.77		"	10.0		97.7	55.8-140		7.58	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		4.15	20.3	
Chloromethane	10.6		"	10.0		106	48.8-115		4.14	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.38	20.5	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128		5.22	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.760	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		2.85	22.4	
Dichlorodifluoromethane	9.68		"	10.0		96.8	47.1-101		1.64	23.9	
Ethyl Benzene	11.4		"	10.0		114	80.8-128		0.442	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		1.52	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.70	20	
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	65.1-140		9.57	23.6	
Methylene chloride	9.39		"	10.0		93.9	61.3-120		1.39	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		13.1	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		2.04	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.24	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		0.397	19.3	
p- & m- Xylenes	21.3		"	20.0		107	77.7-127		2.04	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		3.14	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		3.61	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 BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)							Prepared & Analyzed: 07/13/2012				
Styrene	10.0		ug/L	10.0		100	77.8-123		2.01	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		2.85	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		1.05	27.7	
Toluene	10.4		"	10.0		104	77-123		1.45	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		1.64	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.10	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		1.46	20.5	
Trichlorofluoromethane	11.0		"	10.0		110	57.4-133		3.29	21.4	
Vinyl Chloride	10.7		"	10.0		107	54.9-124		6.08	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*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 BG20686 - EPA 3010A											
Blank (BG20686-BLK1)								Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20686-DUP1)	*Source sample: 12G0366-01 (WQ71012:1155NP2-10)							Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	0.0290	0.0100	mg/L		0.0266				8.63	20	
Matrix Spike (BG20686-MS1)	*Source sample: 12G0366-01 (WQ71012:1155NP2-10)							Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	1.11	0.0100	mg/L	1.00	0.0266	108	75-125				
Reference (BG20686-SRM1)								Prepared & Analyzed: 07/16/2012			
Iron - Dissolved	0.285	0.0100	mg/L	0.274		104	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20686 - EPA 3010A											
Blank (BG20686-BLK1)								Prepared & Analyzed: 07/16/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20686-DUP1)	*Source sample: 12G0366-01 (WQ71012:1155NP2-10)							Prepared & Analyzed: 07/16/2012			
Iron	1.87	0.0100	mg/L		1.86				0.316	20	
Matrix Spike (BG20686-MS1)	*Source sample: 12G0366-01 (WQ71012:1155NP2-10)							Prepared & Analyzed: 07/16/2012			
Iron	2.94	0.0100	mg/L	1.00	1.86	108	75-125				
Reference (BG20686-SRM1)								Prepared & Analyzed: 07/16/2012			
Iron	0.285	0.0100	mg/L	0.274		104	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20645 - % Solids Prep											
Blank (BG20645-BLK1)								Prepared & Analyzed: 07/17/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BG20645-DUP1)	*Source sample: 12G0366-01 (WQ71012:1155NP2-10)							Prepared & Analyzed: 07/17/2012			
Total Dissolved Solids	101	1.00	mg/L		107				5.77	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0365

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.
NABSA6.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 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 No Dioxin or Furan	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ71012:1145NP2-6	@ 7/10/12 1145	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ71012:1150NP2-7	1150	GW	↓	2v 2P
WQ71012:1155NP2-10	1155	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 ___

Samples Relinquished By: Date/Time: 7/12/12 11:30
Samples Relinquished By: Date/Time:
Samples Received By: Date/Time: 7/12/12 11:30
Samples Received in LAB by: Date/Time: 7/12/12 1420

Temperature on Receipt: 4.5 °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. 12G0366

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): [signature]
Name (printed): STEPHEN HNAT

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

Volatiles		Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
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STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
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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
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Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WG71012: 1145NP2-6	7/10/12 1145	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WG71012: 1150NP2-7	↓ 1150	GW	↓	2V 2P
WG71012: 1155NP2-10	↓ 1155	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

Preservation (Check those Applicable): 4°C__ Frozen__ HCl__ MeOH__ HNO_3__ H_2SO_4__ NaOH__ ZnAc__ Ascorbic Acid__ Other__

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: [signature] Date/Time: 7/12/12 11:30
Samples Received By: [signature] Date/Time: 7/12/12 ...
Samples Relinquished By: [signature] Date/Time: 7/12/12 - 1420
Samples Received in LAB by: Date/Time:

Temperature on Receipt: 4.5 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0475

Report Date: 07/24/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0475

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 17, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0475-01	WQ71612:1120NP2-6	Water	07/16/2012	07/17/2012
12G0475-02	WQ71612:1125NP2-7	Water	07/16/2012	07/17/2012
12G0476-01	WQ71612:1130NP2-10	Water	07/16/2012	07/17/2012

General Notes for York Project (SDG) No.: 12G0475

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:** 07/24/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ71612:1120NP2-6 **York Sample ID:** 12G0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:20 am	07/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
71-55-6	1,1,1-Trichloroethane	**0.96**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-34-3	1,1-Dichloroethane	**0.48**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS

Sample Information

Client Sample ID: WQ71612:1120NP2-6 **York Sample ID:** 12G0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:20 am	07/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
67-66-3	Chloroform	**0.18**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
91-20-3	Naphthalene	**0.36**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
127-18-4	Tetrachloroethylene	**1.4**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
79-01-6	Trichloroethylene	**0.13**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 20:39	SS

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

Sample Information

Client Sample ID: WQ71612:1120NP2-6 **York Sample ID:** 12G0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:20 am	07/17/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.384**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:21	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	**3.01**		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 19:27	MW

Sample Information

Client Sample ID: WQ71612:1125NP2-7 **York Sample ID:** 12G0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:25 am	07/17/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS

Sample Information

Client Sample ID: WQ71612:1125NP2-7 **York Sample ID:** 12G0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:25 am	07/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
91-20-3	Naphthalene	**0.13**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS

Sample Information

Client Sample ID: WQ71612:1125NP2-7 **York Sample ID:** 12G0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0475	Rowe Industries	Water	July 16, 2012 11:25 am	07/17/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 21:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*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	**0.182**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:32	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.31**		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 19:37	MW

Sample Information

Client Sample ID: WQ71612:1130NP2-10 **York Sample ID:** 12G0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0476	Rowe Industries	Water	July 16, 2012 11:30 am	07/17/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS

Sample Information

Client Sample ID: WQ71612:1130NP2-10 **York Sample ID:** 12G0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0476	Rowe Industries	Water	July 16, 2012 11:30 am	07/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS

Sample Information

Client Sample ID: WQ71612:1130NP2-10 **York Sample ID:** 12G0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0476	Rowe Industries	Water	July 16, 2012 11:30 am	07/17/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
91-20-3	Naphthalene	**1.8**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/18/2012 13:52	07/18/2012 19:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71612:1130NP2-10 **York Sample ID:** 12G0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0476	Rowe Industries	Water	July 16, 2012 11:30 am	07/17/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.488**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/17/2012 15:00	07/17/2012 19:42	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	**2.21**		mg/L	0.0100	0.0100	1	EPA 200.7	07/17/2012 15:00	07/17/2012 20:16	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	**105**		mg/L	1.00	1.00	1	SM 2540C	07/20/2012 14:07	07/23/2012 14:07	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG20740 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0475-01	WQ71612:1120NP2-6	07/17/12
12G0475-01	WQ71612:1120NP2-6	07/17/12
12G0475-02	WQ71612:1125NP2-7	07/17/12
12G0475-02	WQ71612:1125NP2-7	07/17/12
12G0476-01	WQ71612:1130NP2-10	07/17/12
12G0476-01	WQ71612:1130NP2-10	07/17/12
BG20740-BLK1	Blank	07/17/12
BG20740-BLK1	Blank	07/17/12
BG20740-DUP1	Duplicate	07/17/12
BG20740-DUP1	Duplicate	07/17/12
BG20740-MS1	Matrix Spike	07/17/12
BG20740-MS1	Matrix Spike	07/17/12
BG20740-SRM1	Reference	07/17/12
BG20740-SRM1	Reference	07/17/12

Batch ID: BG20779 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0475-01	WQ71612:1120NP2-6	07/18/12
12G0475-02	WQ71612:1125NP2-7	07/18/12
12G0476-01	WQ71612:1130NP2-10	07/18/12
BG20779-BLK1	Blank	07/18/12
BG20779-BS1	LCS	07/18/12
BG20779-BSD1	LCS Dup	07/18/12

Batch ID: BG20887 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0476-01	WQ71612:1130NP2-10	07/20/12
BG20887-BLK1	Blank	07/20/12
BG20887-DUP1	Duplicate	07/20/12

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

York Analytical Laboratories, Inc.

Batch BG20779 - EPA 5030B

Blank (BG20779-BLK1) Prepared & Analyzed: 07/18/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	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 BG20779 - EPA 5030B											
Blank (BG20779-BLK1)								Prepared & Analyzed: 07/18/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BG20779-BS1)								Prepared & Analyzed: 07/18/2012			
1,1,1,2-Tetrachloroethane	8.88		ug/L	10.0		88.8	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	8.82		"	10.0		88.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129				
1,1,2-Trichloroethane	9.08		"	10.0		90.8	74.5-129				
1,1-Dichloroethane	9.92		"	10.0		99.2	79.6-132				
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146				
1,1-Dichloropropylene	10.7		"	10.0		107	75-136				
1,2,3-Trichlorobenzene	9.14		"	10.0		91.4	66.1-136				
1,2,3-Trichloropropane	8.75		"	10.0		87.5	63-131				
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	7.65		"	10.0		76.5	58.9-140				
1,2-Dibromoethane	9.24		"	10.0		92.4	79-130				
1,2-Dichlorobenzene	9.04		"	10.0		90.4	76.1-122				
1,2-Dichloroethane	9.97		"	10.0		99.7	74.6-132				
1,2-Dichloropropane	9.32		"	10.0		93.2	76.9-129				
1,3,5-Trimethylbenzene	9.01		"	10.0		90.1	70.6-127				
1,3-Dichlorobenzene	9.31		"	10.0		93.1	77-124				
1,3-Dichloropropane	8.91		"	10.0		89.1	75.8-126				
1,4-Dichlorobenzene	9.34		"	10.0		93.4	76.6-125				
2,2-Dichloropropane	11.2		"	10.0		112	69-133				
2-Chlorotoluene	9.37		"	10.0		93.7	66.3-119				
2-Hexanone	7.85		"	10.0		78.5	70-130				
4-Chlorotoluene	9.70		"	10.0		97.0	69.2-127				
Acetone	5.08		"	10.0		50.8	70-130	Low Bias			
Benzene	9.28		"	10.0		92.8	76.2-129				
Bromobenzene	9.15		"	10.0		91.5	71.3-123				
Bromochloromethane	9.27		"	10.0		92.7	70.8-137				
Bromodichloromethane	9.72		"	10.0		97.2	79.7-134				
Bromoform	8.59		"	10.0		85.9	70.5-141				
Bromomethane	8.69		"	10.0		86.9	43.9-147				
Carbon tetrachloride	10.9		"	10.0		109	78.1-138				
Chlorobenzene	9.34		"	10.0		93.4	80.4-125				
Chloroethane	9.57		"	10.0		95.7	55.8-140				
Chloroform	9.41		"	10.0		94.1	76.6-133				
Chloromethane	8.26		"	10.0		82.6	48.8-115				
cis-1,2-Dichloroethylene	9.32		"	10.0		93.2	75.1-128				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	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 BG20779 - EPA 5030B											
LCS (BG20779-BS1)							Prepared & Analyzed: 07/18/2012				
Dibromochloromethane	9.31		ug/L	10.0		93.1	79.8-134				
Dibromomethane	9.57		"	10.0		95.7	79-130				
Dichlorodifluoromethane	8.63		"	10.0		86.3	47.1-101				
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	9.59		"	10.0		95.9	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	8.48		"	10.0		84.8	65.1-140				
Methylene chloride	6.23		"	10.0		62.3	61.3-120				
Naphthalene	8.77		"	10.0		87.7	62.3-148				
n-Butylbenzene	10.6		"	10.0		106	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.24		"	10.0		92.4	75.9-122				
p- & m- Xylenes	19.6		"	20.0		98.0	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	8.99		"	10.0		89.9	77.8-123				
tert-Butylbenzene	10.8		"	10.0		108	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	9.52		"	10.0		95.2	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	9.41		"	10.0		94.1	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	11.6		"	10.0		116	57.4-133				
Vinyl Chloride	9.87		"	10.0		98.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20779 - EPA 5030B											
LCS Dup (BG20779-BSD1)							Prepared & Analyzed: 07/18/2012				
1,1,1,2-Tetrachloroethane	9.63		ug/L	10.0		96.3	82.3-130		8.10	21.1	
1,1,1-Trichloroethane	10.9		"	10.0		109	75.6-137		4.90	19.7	
1,1,2,2-Tetrachloroethane	9.22		"	10.0		92.2	71.3-131		4.43	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		5.41	21.7	
1,1,2-Trichloroethane	9.73		"	10.0		97.3	74.5-129		6.91	20.3	
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		8.12	20.6	
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146		4.01	20	
1,1-Dichloropropylene	10.9		"	10.0		109	75-136		1.76	19.3	
1,2,3-Trichlorobenzene	9.32		"	10.0		93.2	66.1-136		1.95	21.6	
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131		9.68	23.9	
1,2,4-Trichlorobenzene	9.04		"	10.0		90.4	70.6-136		0.00	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		3.40	18.8	
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	58.9-140		19.8	27.7	
1,2-Dibromoethane	9.65		"	10.0		96.5	79-130		4.34	23	
1,2-Dichlorobenzene	9.47		"	10.0		94.7	76.1-122		4.65	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		6.60	20.2	
1,2-Dichloropropane	9.79		"	10.0		97.9	76.9-129		4.92	20.7	
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	70.6-127		3.92	18.9	
1,3-Dichlorobenzene	9.66		"	10.0		96.6	77-124		3.69	19.2	
1,3-Dichloropropane	9.29		"	10.0		92.9	75.8-126		4.18	22.1	
1,4-Dichlorobenzene	9.65		"	10.0		96.5	76.6-125		3.26	18.6	
2,2-Dichloropropane	11.7		"	10.0		117	69-133		4.20	19.8	
2-Chlorotoluene	9.97		"	10.0		99.7	66.3-119		6.20	21.6	
2-Hexanone	8.19		"	10.0		81.9	70-130		4.24	30	
4-Chlorotoluene	9.80		"	10.0		98.0	69.2-127		1.03	19	
Acetone	5.26		"	10.0		52.6	70-130	Low Bias	3.48	30	
Benzene	9.96		"	10.0		99.6	76.2-129		7.07	19	
Bromobenzene	9.62		"	10.0		96.2	71.3-123		5.01	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		11.0	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		4.92	21	
Bromoform	9.45		"	10.0		94.5	70.5-141		9.53	21.8	
Bromomethane	9.76		"	10.0		97.6	43.9-147		11.6	28.4	
Carbon tetrachloride	11.2		"	10.0		112	78.1-138		3.35	20.1	
Chlorobenzene	9.82		"	10.0		98.2	80.4-125		5.01	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		8.50	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		8.35	20.3	
Chloromethane	9.03		"	10.0		90.3	48.8-115		8.91	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		7.54	20.5	
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	74.5-128		4.62	19.9	
Dibromochloromethane	9.70		"	10.0		97.0	79.8-134		4.10	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		6.08	22.4	
Dichlorodifluoromethane	8.31		"	10.0		83.1	47.1-101		3.78	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		3.45	19.2	
Hexachlorobutadiene	9.50		"	10.0		95.0	64.8-128		0.943	20.6	
Isopropylbenzene	10.9		"	10.0		109	75.5-135		0.275	20	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	65.1-140		25.6	23.6	Non-dir.
Methylene chloride	6.51		"	10.0		65.1	61.3-120		4.40	20.4	
Naphthalene	6.93		"	10.0		69.3	62.3-148		23.4	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		0.283	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		1.17	23.4	
o-Xylene	9.66		"	10.0		96.6	75.9-122		4.44	19.3	
p- & m- Xylenes	19.6		"	20.0		98.2	77.7-127		0.255	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		0.00	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		0.483	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 BG20779 - EPA 5030B											
LCS Dup (BG20779-BSD1)							Prepared & Analyzed: 07/18/2012				
Styrene	9.47		ug/L	10.0		94.7	77.8-123		5.20	20.9	
tert-Butylbenzene	11.1		"	10.0		111	75.9-151		2.83	20.9	
Tetrachloroethylene	10.3		"	10.0		103	63.6-167		0.682	27.7	
Toluene	9.92		"	10.0		99.2	77-123		4.12	18.7	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139		5.90	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		8.15	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.19	20.5	
Trichlorofluoromethane	11.3		"	10.0		113	57.4-133		2.62	21.4	
Vinyl Chloride	10.2		"	10.0		102	54.9-124		3.68	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*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 BG20740 - EPA 3010A											
Blank (BG20740-BLK1)								Prepared & Analyzed: 07/17/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG20740-DUP1)	*Source sample: 12G0476-01 (WQ71612:1130NP2-10)							Prepared & Analyzed: 07/17/2012			
Iron - Dissolved	0.512	0.0100	mg/L		0.488				4.84	20	
Matrix Spike (BG20740-MS1)	*Source sample: 12G0476-01 (WQ71612:1130NP2-10)							Prepared & Analyzed: 07/17/2012			
Iron - Dissolved	1.53	0.0100	mg/L	1.00	0.488	104	75-125				
Reference (BG20740-SRM1)								Prepared & Analyzed: 07/17/2012			
Iron - Dissolved	0.271	0.0100	mg/L	0.274		99.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20740 - EPA 3010A											
Blank (BG20740-BLK1)								Prepared & Analyzed: 07/17/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG20740-DUP1)	*Source sample: 12G0476-01 (WQ71612:1130NP2-10)							Prepared & Analyzed: 07/17/2012			
Iron	2.24	0.0100	mg/L		2.21				1.17	20	
Matrix Spike (BG20740-MS1)	*Source sample: 12G0476-01 (WQ71612:1130NP2-10)							Prepared & Analyzed: 07/17/2012			
Iron	3.27	0.0100	mg/L	1.00	2.21	105	75-125				
Reference (BG20740-SRM1)								Prepared & Analyzed: 07/17/2012			
Iron	0.271	0.0100	mg/L	0.274		99.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20887 - % Solids Prep											
Blank (BG20887-BLK1)									Prepared: 07/20/2012 Analyzed: 07/23/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BG20887-DUP1)	*Source sample: 12G0476-01 (WQ71612:1130NP2-10)								Prepared: 07/20/2012 Analyzed: 07/23/2012		
Total Dissolved Solids	106	1.00	mg/L		105				0.948	15	

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.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0475

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 NP2-100ltr, 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 HART
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	Part 360-Expanded No Dissolved Metals	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	Toxic 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)
WQ71612-1120NP2-6	7/16/12 1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2x 2P
WQ71612-1125NP2-7	1125	GW	↓	2x 2P
WQ71612-1130NP2-10	1130	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)	2x 3P

Comments

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

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

Samples Relinquished By — Date/Time 7/17/12 945
Samples Relinquished By — Date/Time

Samples Received By — Date/Time
Samples Received in LAB by — Date/Time 7-17-12 0945

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. 12G0476

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐
Address: 4 Research Dr. Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓		RUSH - Next Day ☐
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No. NABSA6.	RUSH - Two Day ☐
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	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): [signature]

Name (printed): STEPHEN HAAT

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

Volatiles		Semi-Vols	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals LIST Below	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest		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)
WQ71612:1120NP2-6	7/16/12 1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2v 2P
WQ71612:1125NP2-7	↓ 1125	GW	↓	2v 2P
WQ71612:1130NP2-10	↓ 1130	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 list (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2v 3P

Comments

Preservation (Check those Applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7/17/12 945		
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	Date/Time: 7-17-12 0945

Temperature on Receipt: 4.3 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0825

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0825

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 26, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0825-01	WQ072512:1200NP2-6	Water	07/25/2012	07/26/2012
12G0825-02	WQ072512:1200NP2-7	Water	07/25/2012	07/26/2012
12G0826-01	WQ072512:1210NP2-10	Water	07/25/2012	07/26/2012

General Notes for York Project (SDG) No.: 12G0825

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

Approved By: 

Date: 08/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ072512:1200NP2-6 **York Sample ID:** 12G0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:00 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
71-55-6	1,1,1-Trichloroethane	**0.84**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-34-3	1,1-Dichloroethane	**0.41**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-63-6	1,2,4-Trimethylbenzene	**0.66**		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-67-8	1,3,5-Trimethylbenzene	**0.40**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
67-64-1	Acetone	**1.0**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-6 **York Sample ID:** 12G0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:00 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
67-66-3	Chloroform	**0.14**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
91-20-3	Naphthalene	**1.6**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
95-47-6	o-Xylene	**0.69**		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1330-20-7P/M	p- & m- Xylenes	**0.79**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
99-87-6	p-Isopropyltoluene	**0.11**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
127-18-4	Tetrachloroethylene	**1.4**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
108-88-3	Toluene	**0.98**		ug/L	0.042	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS
1330-20-7	Xylenes, Total	**1.5**		ug/L	0.12	1.5	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 16:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ072512:1200NP2-6 **York Sample ID:** 12G0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:00 pm	07/26/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.189**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 20:48	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	**3.63**		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 20:54	MW

Sample Information

Client Sample ID: WQ072512:1200NP2-7 **York Sample ID:** 12G0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:05 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
71-55-6	1,1,1-Trichloroethane	**0.85**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-34-3	1,1-Dichloroethane	**0.42**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	**0.20**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-7 **York Sample ID:** 12G0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:05 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
67-66-3	Chloroform	**0.16**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
91-20-3	Naphthalene	**0.32**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
95-47-6	o-Xylene	**0.10**	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1330-20-7P/M	p- & m- Xylenes	**0.15**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS

Sample Information

Client Sample ID: WQ072512:1200NP2-7 **York Sample ID:** 12G0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0825	Rowe Industries	Water	July 25, 2012 12:05 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
127-18-4	Tetrachloroethylene	**1.4**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
108-88-3	Toluene	**0.14**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
79-01-6	Trichloroethylene	**0.12**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS
1330-20-7	Xylenes, Total	**0.25**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/30/2012 12:13	07/30/2012 17:18	SS

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

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0791**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 20:59	MW

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.647**		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 21:04	MW

Sample Information

Client Sample ID: WQ072512:1210NP2-10 **York Sample ID:** 12G0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0826	Rowe Industries	Water	July 25, 2012 12:10 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS

Sample Information

Client Sample ID: WQ072512:1210NP2-10 **York Sample ID:** 12G0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0826	Rowe Industries	Water	July 25, 2012 12:10 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
67-64-1	Acetone	**1.0**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS

Sample Information

Client Sample ID: WQ072512:1210NP2-10 **York Sample ID:** 12G0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0826	Rowe Industries	Water	July 25, 2012 12:10 pm	07/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
91-20-3	Naphthalene	**0.20**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/01/2012 14:17	08/01/2012 22:59	SS

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

Sample Information

Client Sample ID: WQ072512:1210NP2-10 **York Sample ID:** 12G0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0826	Rowe Industries	Water	July 25, 2012 12:10 pm	07/26/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0330**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	07/30/2012 16:14	07/30/2012 21:09	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	**1.81**		mg/L	0.0100	0.0100	1	EPA 200.7	07/30/2012 16:14	07/30/2012 21:29	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	**115**		mg/L	1.00	1.00	1	SM 2540C	08/01/2012 11:37	08/01/2012 11:37	AMC

Analytical Batch Summary

Batch ID: BG21204 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12G0826-01	WQ072512:1210NP2-10	08/01/12
BG21204-BLK1	Blank	08/01/12
BG21204-DUP1	Duplicate	08/01/12

Batch ID: BG21205 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
BG21205-BLK1	Blank	07/30/12
BG21205-BS1	LCS	07/30/12
BG21205-BSD1	LCS Dup	07/30/12

Batch ID: BG21226 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-01	WQ072512:1200NP2-6	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
12G0825-02	WQ072512:1200NP2-7	07/30/12
12G0826-01	WQ072512:1210NP2-10	07/30/12
12G0826-01	WQ072512:1210NP2-10	07/30/12
BG21226-BLK1	Blank	07/30/12
BG21226-BLK1	Blank	07/30/12
BG21226-DUP1	Duplicate	07/30/12
BG21226-DUP1	Duplicate	07/30/12
BG21226-MS1	Matrix Spike	07/30/12
BG21226-MS1	Matrix Spike	07/30/12
BG21226-SRM1	Reference	07/30/12
BG21226-SRM1	Reference	07/30/12

Batch ID: BH20055 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0826-01	WQ072512:1210NP2-10	08/01/12
BH20055-BLK1	Blank	08/01/12
BH20055-BS1	LCS	08/01/12
BH20055-BSD1	LCS Dup	08/01/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21205 - EPA 5030B											
Blank (BG21205-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	1.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.70	2.0	"								
Naphthalene	3.0	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Prepared & Analyzed: 07/30/2012

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21205 - EPA 5030B											
Blank (BG21205-BLK1)									Prepared & Analyzed: 07/30/2012		
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.66*		*"*	*10.0*		*96.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BG21205-BS1)									Prepared & Analyzed: 07/30/2012		
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	12.1		"	10.0		121	75.6-137				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	71.1-129				
1,1,2-Trichloroethane	9.88		"	10.0		98.8	74.5-129				
1,1-Dichloroethane	11.2		"	10.0		112	79.6-132				
1,1-Dichloroethylene	12.3		"	10.0		123	80.2-146				
1,1-Dichloropropylene	11.0		"	10.0		110	75-136				
1,2,3-Trichlorobenzene	8.16		"	10.0		81.6	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	8.81		"	10.0		88.1	70.6-136				
1,2,4-Trimethylbenzene	12.4		"	10.0		124	75.3-135				
1,2-Dibromo-3-chloropropane	8.30		"	10.0		83.0	58.9-140				
1,2-Dibromoethane	9.82		"	10.0		98.2	79-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	76.1-122				
1,2-Dichloroethane	9.50		"	10.0		95.0	74.6-132				
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129				
1,3,5-Trimethylbenzene	12.5		"	10.0		125	70.6-127				
1,3-Dichlorobenzene	11.3		"	10.0		113	77-124				
1,3-Dichloropropane	9.45		"	10.0		94.5	75.8-126				
1,4-Dichlorobenzene	11.0		"	10.0		110	76.6-125				
2,2-Dichloropropane	12.4		"	10.0		124	69-133				
2-Chlorotoluene	11.6		"	10.0		116	66.3-119				
2-Hexanone	8.07		"	10.0		80.7	70-130				
4-Chlorotoluene	12.0		"	10.0		120	69.2-127				
Acetone	10.3		"	10.0		103	70-130				
Benzene	10.8		"	10.0		108	76.2-129				
Bromobenzene	11.1		"	10.0		111	71.3-123				
Bromochloromethane	9.52		"	10.0		95.2	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	11.7		"	10.0		117	70.5-141				
Bromomethane	9.55		"	10.0		95.5	43.9-147				
Carbon tetrachloride	11.4		"	10.0		114	78.1-138				
Chlorobenzene	11.2		"	10.0		112	80.4-125				
Chloroethane	11.8		"	10.0		118	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	10.7		"	10.0		107	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	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 BG21205 - EPA 5030B											
LCS (BG21205-BS1)							Prepared & Analyzed: 07/30/2012				
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.2		"	10.0		102	79-130				
Dichlorodifluoromethane	10.7		"	10.0		107	47.1-101	High Bias			
Ethyl Benzene	12.0		"	10.0		120	80.8-128				
Hexachlorobutadiene	12.0		"	10.0		120	64.8-128				
Isopropylbenzene	14.7		"	10.0		147	75.5-135	High Bias			
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	65.1-140				
Methylene chloride	9.36		"	10.0		93.6	61.3-120				
Naphthalene	8.23		"	10.0		82.3	62.3-148				
n-Butylbenzene	12.8		"	10.0		128	67.2-123	High Bias			
n-Propylbenzene	13.4		"	10.0		134	70.5-127	High Bias			
o-Xylene	10.7		"	10.0		107	75.9-122				
p- & m- Xylenes	22.8		"	20.0		114	77.7-127				
p-Isopropyltoluene	13.4		"	10.0		134	75.6-129	High Bias			
sec-Butylbenzene	13.6		"	10.0		136	71.5-125	High Bias			
Styrene	10.5		"	10.0		105	77.8-123				
tert-Butylbenzene	14.4		"	10.0		144	75.9-151				
Tetrachloroethylene	13.4		"	10.0		134	63.6-167				
Toluene	11.8		"	10.0		118	77-123				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	76.3-139				
trans-1,3-Dichloropropylene	9.92		"	10.0		99.2	72.5-137				
Trichloroethylene	12.9		"	10.0		129	77.9-130				
Trichlorofluoromethane	12.8		"	10.0		128	57.4-133				
Vinyl Chloride	11.8		"	10.0		118	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*8.21*		*"*	*10.0*		*82.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21205 - EPA 5030B											
LCS Dup (BG21205-BSD1)							Prepared & Analyzed: 07/30/2012				
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		6.58	21.1	
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137		5.44	19.7	
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131		6.86	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2		"	10.0		122	71.1-129		0.245	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		8.06	20.3	
1,1-Dichloroethane	11.5		"	10.0		115	79.6-132		3.08	20.6	
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146		1.88	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		7.34	19.3	
1,2,3-Trichlorobenzene	8.31		"	10.0		83.1	66.1-136		1.82	21.6	
1,2,3-Trichloropropane	10.7		"	10.0		107	63-131		4.77	23.9	
1,2,4-Trichlorobenzene	8.52		"	10.0		85.2	70.6-136		3.35	21.7	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	75.3-135		11.4	18.8	
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	58.9-140		7.98	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		12.1	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		0.958	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		11.9	20.2	
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129		2.88	20.7	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	70.6-127		9.72	18.9	
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124		6.39	19.2	
1,3-Dichloropropane	10.5		"	10.0		105	75.8-126		10.4	22.1	
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125		6.95	18.6	
2,2-Dichloropropane	13.2		"	10.0		132	69-133		5.79	19.8	
2-Chlorotoluene	10.1		"	10.0		101	66.3-119		14.6	21.6	
2-Hexanone	9.94		"	10.0		99.4	70-130		20.8	30	
4-Chlorotoluene	11.2		"	10.0		112	69.2-127		7.41	19	
Acetone	9.69		"	10.0		96.9	70-130		6.30	30	
Benzene	10.9		"	10.0		109	76.2-129		0.922	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		8.53	20.3	
Bromochloromethane	10.6		"	10.0		106	70.8-137		10.3	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		5.39	21	
Bromoform	12.4		"	10.0		124	70.5-141		5.75	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		12.2	28.4	
Carbon tetrachloride	10.9		"	10.0		109	78.1-138		4.85	20.1	
Chlorobenzene	11.0		"	10.0		110	80.4-125		1.35	19.9	
Chloroethane	11.3		"	10.0		113	55.8-140		3.98	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		6.33	20.3	
Chloromethane	10.4		"	10.0		104	48.8-115		2.46	24.5	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128		1.14	20.5	
cis-1,3-Dichloropropylene	11.9		"	10.0		119	74.5-128		10.1	19.9	
Dibromochloromethane	11.7		"	10.0		117	79.8-134		11.1	21.3	
Dibromomethane	11.2		"	10.0		112	79-130		9.65	22.4	
Dichlorodifluoromethane	10.2		"	10.0		102	47.1-101	High Bias	4.68	23.9	
Ethyl Benzene	11.2		"	10.0		112	80.8-128		6.55	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		17.5	20.6	
Isopropylbenzene	12.6		"	10.0		126	75.5-135		15.1	20	
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140		32.0	23.6	Non-dir.
Methylene chloride	10.6		"	10.0		106	61.3-120		12.1	20.4	
Naphthalene	7.85		"	10.0		78.5	62.3-148		4.73	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		19.4	19.1	Non-dir.
n-Propylbenzene	11.5		"	10.0		115	70.5-127		15.3	23.4	
o-Xylene	10.5		"	10.0		105	75.9-122		1.80	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		4.76	18.6	
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129		15.7	19.1	
sec-Butylbenzene	11.5		"	10.0		115	71.5-125		16.8	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 BG21205 - EPA 5030B											
LCS Dup (BG21205-BSD1)							Prepared & Analyzed: 07/30/2012				
Styrene	10.6		ug/L	10.0		106	77.8-123		1.14	20.9	
tert-Butylbenzene	12.3		"	10.0		123	75.9-151		15.3	20.9	
Tetrachloroethylene	12.3		"	10.0		123	63.6-167		9.18	27.7	
Toluene	11.2		"	10.0		112	77-123		5.05	18.7	
trans-1,2-Dichloroethylene	12.2		"	10.0		122	76.3-139		2.81	19.5	
trans-1,3-Dichloropropylene	11.4		"	10.0		114	72.5-137		13.4	19.3	
Trichloroethylene	11.7		"	10.0		117	77.9-130		9.18	20.5	
Trichlorofluoromethane	12.4		"	10.0		124	57.4-133		3.73	21.4	
Vinyl Chloride	11.2		"	10.0		112	54.9-124		5.31	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.91*		*"*	*10.0*		*99.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BH20055 - EPA 5030B											
Blank (BH20055-BLK1)							Prepared & Analyzed: 08/01/2012				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.12	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 BH20055 - EPA 5030B											
Blank (BH20055-BLK1)									Prepared & Analyzed: 08/01/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	0.39	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	*10.0*		*"*	*10.0*		*100*	*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 BH20055 - EPA 5030B											
LCS (BH20055-BS1)							Prepared & Analyzed: 08/01/2012				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	71.1-129				
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146				
1,1-Dichloropropylene	9.66		"	10.0		96.6	75-136				
1,2,3-Trichlorobenzene	9.52		"	10.0		95.2	66.1-136				
1,2,3-Trichloropropane	9.50		"	10.0		95.0	63-131				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	70.6-136				
1,2,4-Trimethylbenzene	9.99		"	10.0		99.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	58.9-140				
1,2-Dibromoethane	10.1		"	10.0		101	79-130				
1,2-Dichlorobenzene	9.48		"	10.0		94.8	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	70.6-127				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	77-124				
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.26		"	10.0		92.6	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	9.62		"	10.0		96.2	69.2-127				
Acetone	8.84		"	10.0		88.4	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	9.68		"	10.0		96.8	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	10.3		"	10.0		103	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	10.0		"	10.0		100	80.4-125				
Chloroethane	9.26		"	10.0		92.6	55.8-140				
Chloroform	9.88		"	10.0		98.8	76.6-133				
Chloromethane	10.5		"	10.0		105	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128				
Dibromochloromethane	10.6		"	10.0		106	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	7.30		"	10.0		73.0	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	8.75		"	10.0		87.5	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140				
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	10.7		"	10.0		107	62.3-148				
n-Butylbenzene	9.31		"	10.0		93.1	67.2-123				
n-Propylbenzene	9.56		"	10.0		95.6	70.5-127				
o-Xylene	9.52		"	10.0		95.2	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	9.48		"	10.0		94.8	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 BH20055 - EPA 5030B											
LCS (BH20055-BS1)								Prepared & Analyzed: 08/01/2012			
Styrene	9.88		ug/L	10.0		98.8	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	9.76		"	10.0		97.6	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	9.34		"	10.0		93.4	57.4-133				
Vinyl Chloride	9.49		"	10.0		94.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
LCS Dup (BH20055-BSD1)								Prepared & Analyzed: 08/01/2012			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130		1.09	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		1.48	19.7	
1,1,2,2-Tetrachloroethane	9.98		"	10.0		99.8	71.3-131		1.21	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.63		"	10.0		96.3	71.1-129		3.27	21.7	
1,1,2-Trichloroethane	9.68		"	10.0		96.8	74.5-129		4.25	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		1.28	20.6	
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146		4.44	20	
1,1-Dichloropropylene	9.51		"	10.0		95.1	75-136		1.56	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		10.7	21.6	
1,2,3-Trichloropropane	9.67		"	10.0		96.7	63-131		1.77	23.9	
1,2,4-Trichlorobenzene	9.75		"	10.0		97.5	70.6-136		11.2	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		3.44	18.8	
1,2-Dibromo-3-chloropropane	9.98		"	10.0		99.8	58.9-140		7.81	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		0.297	23	
1,2-Dichlorobenzene	9.83		"	10.0		98.3	76.1-122		3.63	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		0.900	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		0.983	20.7	
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	70.6-127		2.65	18.9	
1,3-Dichlorobenzene	9.76		"	10.0		97.6	77-124		2.81	19.2	
1,3-Dichloropropane	9.78		"	10.0		97.8	75.8-126		0.204	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		2.22	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		0.0977	19.8	
2-Chlorotoluene	9.32		"	10.0		93.2	66.3-119		0.646	21.6	
2-Hexanone	10.3		"	10.0		103	70-130		9.95	30	
4-Chlorotoluene	9.89		"	10.0		98.9	69.2-127		2.77	19	
Acetone	8.06		"	10.0		80.6	70-130		9.23	30	
Benzene	9.94		"	10.0		99.4	76.2-129		0.702	19	
Bromobenzene	9.91		"	10.0		99.1	71.3-123		2.35	20.3	
Bromochloromethane	10.0		"	10.0		100	70.8-137		5.07	23.9	
Bromodichloromethane	10.6		"	10.0		106	79.7-134		0.658	21	
Bromoform	10.1		"	10.0		101	70.5-141		0.298	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		1.08	28.4	
Carbon tetrachloride	11.1		"	10.0		111	78.1-138		2.94	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		0.895	19.9	
Chloroethane	9.12		"	10.0		91.2	55.8-140		1.52	23.3	
Chloroform	9.76		"	10.0		97.6	76.6-133		1.22	20.3	
Chloromethane	10.4		"	10.0		104	48.8-115		1.63	24.5	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128		0.297	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		3.98	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.659	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 BH20055 - EPA 5030B											
LCS Dup (BH20055-BSD1)								Prepared & Analyzed: 08/01/2012			
Dibromomethane	10.1		ug/L	10.0		101	79-130		3.40	22.4	
Dichlorodifluoromethane	7.15		"	10.0		71.5	47.1-101		2.08	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		0.0995	19.2	
Hexachlorobutadiene	9.72		"	10.0		97.2	64.8-128		10.5	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		2.30	20	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	65.1-140		1.15	23.6	
Methylene chloride	9.98		"	10.0		99.8	61.3-120		2.57	20.4	
Naphthalene	11.3		"	10.0		113	62.3-148		5.09	27.1	
n-Butylbenzene	9.67		"	10.0		96.7	67.2-123		3.79	19.1	
n-Propylbenzene	9.79		"	10.0		97.9	70.5-127		2.38	23.4	
o-Xylene	9.74		"	10.0		97.4	75.9-122		2.28	19.3	
p- & m- Xylenes	20.1		"	20.0		101	77.7-127		1.40	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		1.81	19.1	
sec-Butylbenzene	9.74		"	10.0		97.4	71.5-125		2.71	18.9	
Styrene	9.91		"	10.0		99.1	77.8-123		0.303	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		1.34	20.9	
Tetrachloroethylene	9.83		"	10.0		98.3	63.6-167		0.715	27.7	
Toluene	10.1		"	10.0		101	77-123		0.395	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		3.23	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.18	19.3	
Trichloroethylene	10.3		"	10.0		103	77.9-130		0.0969	20.5	
Trichlorofluoromethane	9.11		"	10.0		91.1	57.4-133		2.49	21.4	
Vinyl Chloride	9.22		"	10.0		92.2	54.9-124		2.89	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21226 - EPA 3010A											
Blank (BG21226-BLK1)								Prepared & Analyzed: 07/30/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BG21226-DUP1)	*Source sample: 12G0826-01 (WQ072512:1210NP2-10)							Prepared & Analyzed: 07/30/2012			
Iron - Dissolved	0.0460	0.0100	mg/L		0.0330				33.0	20	Non-dir.
Matrix Spike (BG21226-MS1)	*Source sample: 12G0826-01 (WQ072512:1210NP2-10)							Prepared & Analyzed: 07/30/2012			
Iron - Dissolved	1.07	0.0100	mg/L	1.00	0.0330	104	75-125				
Reference (BG21226-SRM1)								Prepared & Analyzed: 07/30/2012			
Iron - Dissolved	0.278	0.0100	mg/L	0.274		101	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21226 - EPA 3010A											
Blank (BG21226-BLK1)								Prepared & Analyzed: 07/30/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BG21226-DUP1)	*Source sample: 12G0826-01 (WQ072512:1210NP2-10)							Prepared & Analyzed: 07/30/2012			
Iron	1.85	0.0100	mg/L		1.81				2.25	20	
Matrix Spike (BG21226-MS1)	*Source sample: 12G0826-01 (WQ072512:1210NP2-10)							Prepared & Analyzed: 07/30/2012			
Iron	2.83	0.0100	mg/L	1.00	1.81	102	75-125				
Reference (BG21226-SRM1)								Prepared & Analyzed: 07/30/2012			
Iron	0.278	0.0100	mg/L	0.274		101	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21204 - % Solids Prep											
Blank (BG21204-BLK1)								Prepared & Analyzed: 08/01/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BG21204-DUP1)	*Source sample: 12G0826-01 (WQ072512:1210NP2-10)							Prepared & Analyzed: 08/01/2012			
Total Dissolved Solids	114	1.00	mg/L		115				0.873	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0825

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@LBGEC.com

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSA6.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 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.

TMS.
Samples Collected/Authorized By (Signature)

Tunde Komuves-Sandor.
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	Pull App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Expanded TCL List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Italic 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)
WQ072512:1200NP2-6	7-25-12	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	2 HCl preserved VOA's
WQ072512:1205NP2-7	"	GW	↓	2 250ml Plastic w nitric
WQ072512:1210NP2-10	"	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)	1-2 250ml Plastic - unpres.

Comments

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

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

TMS — 7-26-12 1140
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

TC Kabir — 7/26/12 11:40
Samples Received By — Date/Time

Samples Received in LAB by — Date/Time

Temperature on Receipt 4.0 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.
120 Research Dr. Stratford, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 12G0826

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.
NABSA6.

Samples from: CT__ NY X NJ__

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

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 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): [signature]
Tunde Komuves-Sandor.
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	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	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)
WQ072512:1200 NP2-6	7-25-12	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2 HCl pres VOAs; 1 250ml Plastic w/ nitric
WQ072512:1205 NP2-7	11	GW	↓	
WQ072512:1210 NP2-10	11	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	1-2 250ml Plastic - unpres.

Comments

Preservation — Check those Applicable: 4°C__ Frozen__ HCl__ MeOH__ HNO$_3$__ H$_2$SO$_4$__ NaOH__ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7-26-12 1140	TC [signature]	7/26/12 11:40
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	7/26/12 1510

Temperature on Receipt: 4.0 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 08/08/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0097

Report Date: 08/08/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12H0097

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12H0097-01	WQ73112:1140NP2-6	Water	07/31/2012	08/02/2012
12H0097-02	WQ73112:1145NP2-7	Water	07/31/2012	08/02/2012
12H0098-01	WQ73112:1150NP2-10	Water	07/31/2012	08/02/2012

General Notes for York Project (SDG) No.: 12H0097

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

Approved By: 

Date: 08/08/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ73112:1140NP2-6 **York Sample ID:** 12H0097-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:40 am	08/02/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
71-55-6	1,1,1-Trichloroethane	**0.65**		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-34-3	1,1-Dichloroethane	**0.39**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-63-6	1,2,4-Trimethylbenzene	**0.14**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS

Sample Information

Client Sample ID: WQ73112:1140NP2-6 **York Sample ID:** 12H0097-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:40 am	08/02/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
67-66-3	Chloroform	**0.18**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
127-18-4	Tetrachloroethylene	**0.72**		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 14:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.5 %*	*81.2-127*

Sample Information

Client Sample ID: WQ73112:1140NP2-6 **York Sample ID:** 12H0097-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:40 am	08/02/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.152**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 19:39	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	**0.768**		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 19:45	MW

Sample Information

Client Sample ID: WQ73112:1145NP2-7 **York Sample ID:** 12H0097-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:45 am	08/02/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS

Sample Information

Client Sample ID: WQ73112:1145NP2-7 **York Sample ID:** 12H0097-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:45 am	08/02/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS

Sample Information

Client Sample ID: WQ73112:1145NP2-7 **York Sample ID:** 12H0097-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0097	Rowe Industries	Water	July 31, 2012 11:45 am	08/02/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*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	**0.120**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 19:50	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	**0.466**		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 19:55	MW

Sample Information

Client Sample ID: WQ73112:1150NP2-10 **York Sample ID:** 12H0098-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0098	Rowe Industries	Water	July 31, 2012 11:50 am	08/02/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS

Sample Information

Client Sample ID: WQ73112:1150NP2-10 **York Sample ID:** 12H0098-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0098	Rowe Industries	Water	July 31, 2012 11:50 am	08/02/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-63-6	1,2,4-Trimethylbenzene	**1.3**		ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-67-8	1,3,5-Trimethylbenzene	**0.32**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS

Sample Information

Client Sample ID: WQ73112:1150NP2-10 **York Sample ID:** 12H0098-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0098	Rowe Industries	Water	July 31, 2012 11:50 am	08/02/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
100-41-4	Ethyl Benzene	**0.25**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
91-20-3	Naphthalene	**2.0**		ug/L	0.090	2.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
103-65-1	n-Propylbenzene	**0.27**	J	ug/L	0.068	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1330-20-7P/M	p- & m- Xylenes	**0.45**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS
1330-20-7	Xylenes, Total	**0.45**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	08/03/2012 08:19	08/03/2012 15:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ73112:1150NP2-10 **York Sample ID:** 12H0098-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12H0098	Rowe Industries	Water	July 31, 2012 11:50 am	08/02/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0216**		mg/L	0.0100	0.0100	1	EPA SW846-6010B	08/06/2012 16:33	08/06/2012 20:00	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	**3.48**		mg/L	0.0100	0.0100	1	EPA 200.7	08/06/2012 16:33	08/06/2012 20:20	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	**131**		mg/L	1.00	1.00	1	SM 2540C	08/07/2012 11:19	08/07/2012 11:19	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BH20126 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12H0097-01	WQ73112:1140NP2-6	08/03/12
12H0097-02	WQ73112:1145NP2-7	08/03/12
12H0098-01	WQ73112:1150NP2-10	08/03/12
BH20126-BLK1	Blank	08/03/12
BH20126-BS1	LCS	08/03/12
BH20126-BSD1	LCS Dup	08/03/12

Batch ID: BH20207 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12H0098-01	WQ73112:1150NP2-10	08/07/12
BH20207-BLK1	Blank	08/07/12
BH20207-DUP1	Duplicate	08/07/12

Batch ID: BH20219 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12H0097-01	WQ73112:1140NP2-6	08/06/12
12H0097-01	WQ73112:1140NP2-6	08/06/12
12H0097-02	WQ73112:1145NP2-7	08/06/12
12H0097-02	WQ73112:1145NP2-7	08/06/12
12H0098-01	WQ73112:1150NP2-10	08/06/12
12H0098-01	WQ73112:1150NP2-10	08/06/12
BH20219-BLK1	Blank	08/06/12
BH20219-BLK1	Blank	08/06/12
BH20219-DUP1	Duplicate	08/06/12
BH20219-DUP1	Duplicate	08/06/12
BH20219-MS1	Matrix Spike	08/06/12
BH20219-MS1	Matrix Spike	08/06/12
BH20219-SRM1	Reference	08/06/12
BH20219-SRM1	Reference	08/06/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20126 - EPA 5030B											
Blank (BH20126-BLK1)											Prepared & Analyzed: 08/03/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	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	3.5	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.36	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 BH20126 - EPA 5030B											
Blank (BH20126-BLK1)									Prepared & Analyzed: 08/03/2012		
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81.2-127*				
LCS (BH20126-BS1)									Prepared & Analyzed: 08/03/2012		
1,1,1,2-Tetrachloroethane	9.30		ug/L	10.0		93.0	82.3-130				
1,1,1-Trichloroethane	9.51		"	10.0		95.1	75.6-137				
1,1,2,2-Tetrachloroethane	8.77		"	10.0		87.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.74		"	10.0		97.4	71.1-129				
1,1,2-Trichloroethane	8.75		"	10.0		87.5	74.5-129				
1,1-Dichloroethane	9.88		"	10.0		98.8	79.6-132				
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146				
1,1-Dichloropropylene	9.34		"	10.0		93.4	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	8.79		"	10.0		87.9	63-131				
1,2,4-Trichlorobenzene	9.49		"	10.0		94.9	70.6-136				
1,2,4-Trimethylbenzene	9.38		"	10.0		93.8	75.3-135				
1,2-Dibromo-3-chloropropane	8.52		"	10.0		85.2	58.9-140				
1,2-Dibromoethane	9.29		"	10.0		92.9	79-130				
1,2-Dichlorobenzene	8.83		"	10.0		88.3	76.1-122				
1,2-Dichloroethane	9.20		"	10.0		92.0	74.6-132				
1,2-Dichloropropane	9.27		"	10.0		92.7	76.9-129				
1,3,5-Trimethylbenzene	9.13		"	10.0		91.3	70.6-127				
1,3-Dichlorobenzene	8.82		"	10.0		88.2	77-124				
1,3-Dichloropropane	8.87		"	10.0		88.7	75.8-126				
1,4-Dichlorobenzene	9.17		"	10.0		91.7	76.6-125				
2,2-Dichloropropane	10.8		"	10.0		108	69-133				
2-Chlorotoluene	8.76		"	10.0		87.6	66.3-119				
2-Hexanone	9.10		"	10.0		91.0	70-130				
4-Chlorotoluene	9.07		"	10.0		90.7	69.2-127				
Acetone	9.41		"	10.0		94.1	70-130				
Benzene	9.33		"	10.0		93.3	76.2-129				
Bromobenzene	8.63		"	10.0		86.3	71.3-123				
Bromochloromethane	9.05		"	10.0		90.5	70.8-137				
Bromodichloromethane	9.60		"	10.0		96.0	79.7-134				
Bromoform	8.77		"	10.0		87.7	70.5-141				
Bromomethane	8.94		"	10.0		89.4	43.9-147				
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	9.22		"	10.0		92.2	80.4-125				
Chloroethane	8.60		"	10.0		86.0	55.8-140				
Chloroform	9.36		"	10.0		93.6	76.6-133				
Chloromethane	8.70		"	10.0		87.0	48.8-115				
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	75.1-128				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	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 BH20126 - EPA 5030B											
LCS (BH20126-BS1)							Prepared & Analyzed: 08/03/2012				
Dibromochloromethane	9.16		ug/L	10.0		91.6	79.8-134				
Dibromomethane	9.76		"	10.0		97.6	79-130				
Dichlorodifluoromethane	7.40		"	10.0		74.0	47.1-101				
Ethyl Benzene	9.52		"	10.0		95.2	80.8-128				
Hexachlorobutadiene	9.46		"	10.0		94.6	64.8-128				
Isopropylbenzene	9.99		"	10.0		99.9	75.5-135				
Methyl tert-butyl ether (MTBE)	6.94		"	10.0		69.4	65.1-140				
Methylene chloride	9.04		"	10.0		90.4	61.3-120				
Naphthalene	8.75		"	10.0		87.5	62.3-148				
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123				
n-Propylbenzene	9.37		"	10.0		93.7	70.5-127				
o-Xylene	8.80		"	10.0		88.0	75.9-122				
p- & m- Xylenes	18.6		"	20.0		93.0	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	9.32		"	10.0		93.2	71.5-125				
Styrene	9.03		"	10.0		90.3	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167				
Toluene	9.41		"	10.0		94.1	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	9.42		"	10.0		94.2	72.5-137				
Trichloroethylene	9.63		"	10.0		96.3	77.9-130				
Trichlorofluoromethane	9.12		"	10.0		91.2	57.4-133				
Vinyl Chloride	8.62		"	10.0		86.2	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.75*		*"*	*10.0*		*97.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

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 BH20126 - EPA 5030B											
LCS Dup (BH20126-BSD1)							Prepared & Analyzed: 08/03/2012				
1,1,1,2-Tetrachloroethane	9.21		ug/L	10.0		92.1	82.3-130		0.972	21.1	
1,1,1-Trichloroethane	9.62		"	10.0		96.2	75.6-137		1.15	19.7	
1,1,2,2-Tetrachloroethane	8.64		"	10.0		86.4	71.3-131		1.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		2.63	21.7	
1,1,2-Trichloroethane	8.51		"	10.0		85.1	74.5-129		2.78	20.3	
1,1-Dichloroethane	9.95		"	10.0		99.5	79.6-132		0.706	20.6	
1,1-Dichloroethylene	11.5		"	10.0		115	80.2-146		1.67	20	
1,1-Dichloropropylene	9.33		"	10.0		93.3	75-136		0.107	19.3	
1,2,3-Trichlorobenzene	9.94		"	10.0		99.4	66.1-136		1.40	21.6	
1,2,3-Trichloropropane	8.68		"	10.0		86.8	63-131		1.26	23.9	
1,2,4-Trichlorobenzene	9.35		"	10.0		93.5	70.6-136		1.49	21.7	
1,2,4-Trimethylbenzene	9.08		"	10.0		90.8	75.3-135		3.25	18.8	
1,2-Dibromo-3-chloropropane	8.53		"	10.0		85.3	58.9-140		0.117	27.7	
1,2-Dibromoethane	8.89		"	10.0		88.9	79-130		4.40	23	
1,2-Dichlorobenzene	8.63		"	10.0		86.3	76.1-122		2.29	19.8	
1,2-Dichloroethane	9.60		"	10.0		96.0	74.6-132		4.26	20.2	
1,2-Dichloropropane	8.74		"	10.0		87.4	76.9-129		5.89	20.7	
1,3,5-Trimethylbenzene	8.68		"	10.0		86.8	70.6-127		5.05	18.9	
1,3-Dichlorobenzene	8.45		"	10.0		84.5	77-124		4.28	19.2	
1,3-Dichloropropane	8.45		"	10.0		84.5	75.8-126		4.85	22.1	
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125		4.00	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		3.87	19.8	
2-Chlorotoluene	8.46		"	10.0		84.6	66.3-119		3.48	21.6	
2-Hexanone	8.42		"	10.0		84.2	70-130		7.76	30	
4-Chlorotoluene	8.70		"	10.0		87.0	69.2-127		4.16	19	
Acetone	10.5		"	10.0		105	70-130		10.6	30	
Benzene	9.35		"	10.0		93.5	76.2-129		0.214	19	
Bromobenzene	8.50		"	10.0		85.0	71.3-123		1.52	20.3	
Bromochloromethane	9.14		"	10.0		91.4	70.8-137		0.990	23.9	
Bromodichloromethane	9.15		"	10.0		91.5	79.7-134		4.80	21	
Bromoform	8.15		"	10.0		81.5	70.5-141		7.33	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		13.1	28.4	
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		2.22	20.1	
Chlorobenzene	8.95		"	10.0		89.5	80.4-125		2.97	19.9	
Chloroethane	8.57		"	10.0		85.7	55.8-140		0.349	23.3	
Chloroform	9.37		"	10.0		93.7	76.6-133		0.107	20.3	
Chloromethane	8.70		"	10.0		87.0	48.8-115		0.00	24.5	
cis-1,2-Dichloroethylene	9.50		"	10.0		95.0	75.1-128		3.21	20.5	
cis-1,3-Dichloropropylene	9.43		"	10.0		94.3	74.5-128		1.37	19.9	
Dibromochloromethane	9.05		"	10.0		90.5	79.8-134		1.21	21.3	
Dibromomethane	8.88		"	10.0		88.8	79-130		9.44	22.4	
Dichlorodifluoromethane	7.27		"	10.0		72.7	47.1-101		1.77	23.9	
Ethyl Benzene	9.12		"	10.0		91.2	80.8-128		4.29	19.2	
Hexachlorobutadiene	9.37		"	10.0		93.7	64.8-128		0.956	20.6	
Isopropylbenzene	9.45		"	10.0		94.5	75.5-135		5.56	20	
Methyl tert-butyl ether (MTBE)	6.76		"	10.0		67.6	65.1-140		2.63	23.6	
Methylene chloride	9.44		"	10.0		94.4	61.3-120		4.33	20.4	
Naphthalene	8.76		"	10.0		87.6	62.3-148		0.114	27.1	
n-Butylbenzene	9.37		"	10.0		93.7	67.2-123		4.79	19.1	
n-Propylbenzene	8.91		"	10.0		89.1	70.5-127		5.03	23.4	
o-Xylene	8.55		"	10.0		85.5	75.9-122		2.88	19.3	
p- & m- Xylenes	17.8		"	20.0		89.2	77.7-127		4.23	18.6	
p-Isopropyltoluene	9.82		"	10.0		98.2	75.6-129		4.48	19.1	
sec-Butylbenzene	8.93		"	10.0		89.3	71.5-125		4.27	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 BH20126 - EPA 5030B											
LCS Dup (BH20126-BSD1)							Prepared & Analyzed: 08/03/2012				
Styrene	8.71		ug/L	10.0		87.1	77.8-123		3.61	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		4.03	20.9	
Tetrachloroethylene	9.04		"	10.0		90.4	63.6-167		8.47	27.7	
Toluene	8.97		"	10.0		89.7	77-123		4.79	18.7	
trans-1,2-Dichloroethylene	9.92		"	10.0		99.2	76.3-139		1.10	19.5	
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	72.5-137		2.80	19.3	
Trichloroethylene	9.32		"	10.0		93.2	77.9-130		3.27	20.5	
Trichlorofluoromethane	8.98		"	10.0		89.8	57.4-133		1.55	21.4	
Vinyl Chloride	8.72		"	10.0		87.2	54.9-124		1.15	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.37*		*"*	*10.0*		*93.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*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 BH20219 - EPA 3010A											
Blank (BH20219-BLK1)								Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BH20219-DUP1)	*Source sample: 12H0098-01 (WQ73112:1150NP2-10)							Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	ND	0.0100	mg/L		0.0216					20	
Matrix Spike (BH20219-MS1)	*Source sample: 12H0098-01 (WQ73112:1150NP2-10)							Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	1.04	0.0100	mg/L	1.00	0.0216	102	75-125				
Reference (BH20219-SRM1)								Prepared & Analyzed: 08/06/2012			
Iron - Dissolved	0.238	0.0100	mg/L	0.274		87.0	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20219 - EPA 3010A											
Blank (BH20219-BLK1)								Prepared & Analyzed: 08/06/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BH20219-DUP1)	*Source sample: 12H0098-01 (WQ73112:1150NP2-10)							Prepared & Analyzed: 08/06/2012			
Iron	3.52	0.0100	mg/L		3.48				1.09	20	
Matrix Spike (BH20219-MS1)	*Source sample: 12H0098-01 (WQ73112:1150NP2-10)							Prepared & Analyzed: 08/06/2012			
Iron	4.53	0.0100	mg/L	1.00	3.48	105	75-125				
Reference (BH20219-SRM1)								Prepared & Analyzed: 08/06/2012			
Iron	0.238	0.0100	mg/L	0.274		87.0	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20207 - % Solids Prep											
Blank (BH20207-BLK1)								Prepared & Analyzed: 08/07/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BH20207-DUP1)	*Source sample: 12H0098-01 (WQ73112:1150NP2-10)							Prepared & Analyzed: 08/07/2012			
Total Dissolved Solids	133	1.00	mg/L		131				1.52	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

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

ND — Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL — REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL — METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR — Not reported

RPD — Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

Field Chain-of-Custody Record

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

York Project No. 12H0097

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	NABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address: ↓	E-Mail Address: ↓	Samples from: CT __ NY X NJ __	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

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

Name (printed): STEPHEN HNAT

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	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	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ73112:1140NP2-6	7/31/12 1140	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2v 2P
WQ73112:1145NP2-7	↓ 1145	GW	↓	2v 2P
WQ73112:1150NP2-10	↓ 1150	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	2v 3P

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	8/2/12 11:28	[signature]	8/02/12 11:28
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	8-2-12 1425

Temperature on Receipt 5.0 °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. 12H00098

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.)
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	Part 360 Expanded (No Dioxin/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Hexane	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ73112:1140NP2-6	7/31/12 1140	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2P
WQ73112:1145NP2-7	1145	GW	↓	2v 2P
WQ73112:1150NP2-10	1150	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	2v 3P

Comments

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

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

Samples Relinquished By: Darrell Voug — Date/Time: 8/2/12 11:28
Samples Received By: TC Sabb — Date/Time: 8/02/12 11:28
Samples Relinquished By: ___ — Date/Time: ___
Samples Received in LAB by: [signature] — Date/Time: 8-2-12 1425

Temperature on Receipt: 5.0 °C

APPENDIX II
JULY 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0369

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0369

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0369-01	GWQ71012:1030NP1-1-2	Water	07/10/2012	07/12/2012
12G0369-02	GWQ71012:1040NP1-1-4	Water	07/10/2012	07/12/2012
12G0369-03	GWQ71012:1050NP1-1-6	Water	07/10/2012	07/12/2012
12G0369-04	GWQ71012:1100NP1-1-7	Water	07/10/2012	07/12/2012
12G0369-05	GWQ71012:1035NP1-1-5	Water	07/10/2012	07/12/2012
12G0369-06	GWQ71012:1109NP1-1-8	Water	07/10/2012	07/12/2012
12G0369-07	GWQ71012:1135NP1-1-9	Water	07/10/2012	07/12/2012
12G0369-08	GWQ71012:1220NP1-1-3	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0369

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:** 07/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2 **York Sample ID:** 12G0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:30 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2 **York Sample ID:** 12G0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:30 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
91-20-3	Naphthalene	**0.19**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
127-18-4	Tetrachloroethylene	**0.91**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
79-01-6	Trichloroethylene	**0.15**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 12:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ71012:1030NP1-1-2 **York Sample ID:** 12G0369-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:30 am	07/12/2012

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4 **York Sample ID:** 12G0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:40 am	07/12/2012

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
71-55-6	1,1,1-Trichloroethane	**1.9**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-34-3	1,1-Dichloroethane	**0.65**		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
67-64-1	Acetone	**1.8**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4 **York Sample ID:** 12G0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:40 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
67-66-3	Chloroform	**0.14**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-09-2	Methylene chloride	**1.1**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
91-20-3	Naphthalene	**0.12**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
127-18-4	Tetrachloroethylene	**1.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
79-01-6	Trichloroethylene	**0.15**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS

Sample Information

Client Sample ID: GWQ71012:1040NP1-1-4 **York Sample ID:** 12G0369-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:40 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 13:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6 **York Sample ID:** 12G0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
71-55-6	1,1,1-Trichloroethane	**2.2**		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-34-3	1,1-Dichloroethane	**0.65**		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-35-4	1,1-Dichloroethylene	**0.14**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6 **York Sample ID:** 12G0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS

Sample Information

Client Sample ID: GWQ71012:1050NP1-1-6 **York Sample ID:** 12G0369-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:50 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
127-18-4	Tetrachloroethylene	**3.1**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
79-01-6	Trichloroethylene	**0.13**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 14:28	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7 **York Sample ID:** 12G0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:00 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
71-55-6	1,1,1-Trichloroethane	**0.28**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-34-3	1,1-Dichloroethane	**0.22**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7 **York Sample ID:** 12G0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:00 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS

Sample Information

Client Sample ID: GWQ71012:1100NP1-1-7 **York Sample ID:** 12G0369-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:00 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
127-18-4	Tetrachloroethylene	**1.6**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5 **York Sample ID:** 12G0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:35 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5 **York Sample ID:** 12G0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:35 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
67-66-3	Chloroform	**0.70**		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS

Sample Information

Client Sample ID: GWQ71012:1035NP1-1-5 **York Sample ID:** 12G0369-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 10:35 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
108-88-3	Toluene	**0.22**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 15:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8 **York Sample ID:** 12G0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:09 am	07/12/2012

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8 **York Sample ID:** 12G0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:09 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS

Sample Information

Client Sample ID: GWQ71012:1109NP1-1-8 **York Sample ID:** 12G0369-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:09 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
127-18-4	Tetrachloroethylene	**0.10**	J	ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
108-88-3	Toluene	**0.12**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 16:45	SS

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

Sample Information

Client Sample ID: GWQ71012:1135NP1-1-9 **York Sample ID:** 12G0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:35 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS

Sample Information

Client Sample ID: GWQ71012:1135NP1-1-9 **York Sample ID:** 12G0369-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 11:35 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-09-2	Methylene chloride	**1.3**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 17:30	SS

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

Sample Information

Client Sample ID: GWQ71012:1220NP1-1-3 **York Sample ID:** 12G0369-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 12:20 pm	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS

Sample Information

Client Sample ID: GWQ71012:1220NP1-1-3 **York Sample ID:** 12G0369-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0369	Rowe Industries	Water	July 10, 2012 12:20 pm	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-09-2	Methylene chloride	**1.1**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:27	07/13/2012 18:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG20599 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0369-01	GWQ71012:1030NP1-1-2	07/13/12
12G0369-02	GWQ71012:1040NP1-1-4	07/13/12
12G0369-03	GWQ71012:1050NP1-1-6	07/13/12
12G0369-04	GWQ71012:1100NP1-1-7	07/13/12
12G0369-05	GWQ71012:1035NP1-1-5	07/13/12
12G0369-06	GWQ71012:1109NP1-1-8	07/13/12
12G0369-07	GWQ71012:1135NP1-1-9	07/13/12
12G0369-08	GWQ71012:1220NP1-1-3	07/13/12
BG20599-BLK1	Blank	07/13/12
BG20599-BS1	LCS	07/13/12
BG20599-BSD1	LCS Dup	07/13/12
BG20599-MS1	Matrix Spike	07/13/12
BG20599-MSD1	Matrix Spike Dup	07/13/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20599 - EPA 5030B											
Blank (BG20599-BLK1)									Prepared & Analyzed: 07/13/2012		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	4.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.6	2.0	"								
Naphthalene	0.56	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 BG20599 - EPA 5030B											
Blank (BG20599-BLK1)								Prepared & Analyzed: 07/13/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81.2-127*				
LCS (BG20599-BS1)								Prepared & Analyzed: 07/13/2012			
1,1,1,2-Tetrachloroethane	9.71		ug/L	10.0		97.1	82.3-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	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)	9.99		"	10.0		99.9	71.1-129				
1,1,2-Trichloroethane	9.72		"	10.0		97.2	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	8.60		"	10.0		86.0	75-136				
1,2,3-Trichlorobenzene	9.40		"	10.0		94.0	66.1-136				
1,2,3-Trichloropropane	9.96		"	10.0		99.6	63-131				
1,2,4-Trichlorobenzene	8.97		"	10.0		89.7	70.6-136				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135				
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	58.9-140				
1,2-Dibromoethane	9.48		"	10.0		94.8	79-130				
1,2-Dichlorobenzene	9.20		"	10.0		92.0	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	70.6-127				
1,3-Dichlorobenzene	9.52		"	10.0		95.2	77-124				
1,3-Dichloropropane	9.66		"	10.0		96.6	75.8-126				
1,4-Dichlorobenzene	9.48		"	10.0		94.8	76.6-125				
2,2-Dichloropropane	11.5		"	10.0		115	69-133				
2-Chlorotoluene	9.43		"	10.0		94.3	66.3-119				
2-Hexanone	8.44		"	10.0		84.4	70-130				
4-Chlorotoluene	9.98		"	10.0		99.8	69.2-127				
Acetone	6.29		"	10.0		62.9	70-130	Low Bias			
Benzene	9.72		"	10.0		97.2	76.2-129				
Bromobenzene	9.62		"	10.0		96.2	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.7		"	10.0		107	79.7-134				
Bromoform	9.56		"	10.0		95.6	70.5-141				
Bromomethane	10.3		"	10.0		103	43.9-147				
Carbon tetrachloride	9.31		"	10.0		93.1	78.1-138				
Chlorobenzene	9.76		"	10.0		97.6	80.4-125				
Chloroethane	10.4		"	10.0		104	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	9.91		"	10.0		99.1	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	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 BG20599 - EPA 5030B											
LCS (BG20599-BS1)							Prepared & Analyzed: 07/13/2012				
Dibromochloromethane	10.1		ug/L	10.0		101	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.67		"	10.0		96.7	47.1-101				
Ethyl Benzene	11.0		"	10.0		110	80.8-128				
Hexachlorobutadiene	9.65		"	10.0		96.5	64.8-128				
Isopropylbenzene	11.1		"	10.0		111	75.5-135				
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	65.1-140				
Methylene chloride	8.81		"	10.0		88.1	61.3-120				
Naphthalene	9.43		"	10.0		94.3	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	9.64		"	10.0		96.4	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				
Styrene	9.38		"	10.0		93.8	77.8-123				
tert-Butylbenzene	9.90		"	10.0		99.0	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	11.1		"	10.0		111	57.4-133				
Vinyl Chloride	10.8		"	10.0		108	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*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 BG20599 - EPA 5030B											
LCS Dup (BG20599-BSD1)							Prepared & Analyzed: 07/13/2012				
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82.3-130		0.103	21.1	
1,1,1-Trichloroethane	9.85		"	10.0		98.5	75.6-137		9.48	19.7	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131		8.92	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129		9.43	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		5.31	20.3	
1,1-Dichloroethane	9.54		"	10.0		95.4	79.6-132		5.70	20.6	
1,1-Dichloroethylene	9.61		"	10.0		96.1	80.2-146		7.32	20	
1,1-Dichloropropylene	7.47		"	10.0		74.7	75-136	Low Bias	14.1	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		7.57	21.6	
1,2,3-Trichloropropane	9.58		"	10.0		95.8	63-131		3.89	23.9	
1,2,4-Trichlorobenzene	9.27		"	10.0		92.7	70.6-136		3.29	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		0.483	18.8	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	58.9-140		15.4	27.7	
1,2-Dibromoethane	10.5		"	10.0		105	79-130		10.5	23	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	76.1-122		0.00	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		2.33	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		0.298	20.7	
1,3,5-Trimethylbenzene	9.45		"	10.0		94.5	70.6-127		0.318	18.9	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	77-124		0.421	19.2	
1,3-Dichloropropane	9.97		"	10.0		99.7	75.8-126		3.16	22.1	
1,4-Dichlorobenzene	9.40		"	10.0		94.0	76.6-125		0.847	18.6	
2,2-Dichloropropane	10.8		"	10.0		108	69-133		6.74	19.8	
2-Chlorotoluene	9.34		"	10.0		93.4	66.3-119		0.959	21.6	
2-Hexanone	9.26		"	10.0		92.6	70-130		9.27	30	
4-Chlorotoluene	9.92		"	10.0		99.2	69.2-127		0.603	19	
Acetone	7.30		"	10.0		73.0	70-130		14.9	30	
Benzene	9.26		"	10.0		92.6	76.2-129		4.85	19	
Bromobenzene	9.62		"	10.0		96.2	71.3-123		0.00	20.3	
Bromochloromethane	9.66		"	10.0		96.6	70.8-137		4.06	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		0.932	21	
Bromoform	10.3		"	10.0		103	70.5-141		7.16	21.8	
Bromomethane	9.67		"	10.0		96.7	43.9-147		6.12	28.4	
Carbon tetrachloride	8.03		"	10.0		80.3	78.1-138		14.8	20.1	
Chlorobenzene	9.62		"	10.0		96.2	80.4-125		1.44	19.9	
Chloroethane	9.50		"	10.0		95.0	55.8-140		8.85	23.3	
Chloroform	9.44		"	10.0		94.4	76.6-133		5.96	20.3	
Chloromethane	9.22		"	10.0		92.2	48.8-115		7.21	24.5	
cis-1,2-Dichloroethylene	9.61		"	10.0		96.1	75.1-128		4.77	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		1.72	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		4.82	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		4.04	22.4	
Dichlorodifluoromethane	9.09		"	10.0		90.9	47.1-101		6.18	23.9	
Ethyl Benzene	10.6		"	10.0		106	80.8-128		3.34	19.2	
Hexachlorobutadiene	8.76		"	10.0		87.6	64.8-128		9.67	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		4.81	20	
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140		4.72	23.6	
Methylene chloride	8.70		"	10.0		87.0	61.3-120		1.26	20.4	
Naphthalene	9.43		"	10.0		94.3	62.3-148		0.00	27.1	
n-Butylbenzene	9.97		"	10.0		99.7	67.2-123		4.41	19.1	
n-Propylbenzene	9.87		"	10.0		98.7	70.5-127		5.42	23.4	
o-Xylene	9.58		"	10.0		95.8	75.9-122		0.624	19.3	
p- & m- Xylenes	19.1		"	20.0		95.4	77.7-127		7.81	18.6	
p-Isopropyltoluene	9.71		"	10.0		97.1	75.6-129		4.92	19.1	
sec-Butylbenzene	9.68		"	10.0		96.8	71.5-125		6.01	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 BG20599 - EPA 5030B											
LCS Dup (BG20599-BSD1)								Prepared & Analyzed: 07/13/2012			
Styrene	9.41		ug/L	10.0		94.1	77.8-123		0.319	20.9	
tert-Butylbenzene	9.39		"	10.0		93.9	75.9-151		5.29	20.9	
Tetrachloroethylene	9.36		"	10.0		93.6	63.6-167		8.69	27.7	
Toluene	9.83		"	10.0		98.3	77-123		1.71	18.7	
trans-1,2-Dichloroethylene	9.66		"	10.0		96.6	76.3-139		7.38	19.5	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137		4.13	19.3	
Trichloroethylene	9.99		"	10.0		99.9	77.9-130		2.76	20.5	
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133		9.76	21.4	
Vinyl Chloride	9.75		"	10.0		97.5	54.9-124		10.1	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
Matrix Spike (BG20599-MS1)	*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)							Prepared & Analyzed: 07/13/2012			
1,1,1,2-Tetrachloroethane	8.58		ug/L	10.0	ND	85.8	82-138				
1,1,1-Trichloroethane	10.9		"	10.0	1.93	89.3	85.7-133				
1,1,2,2-Tetrachloroethane	8.49		"	10.0	ND	84.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39		"	10.0	ND	83.9	74.8-131				
1,1,2-Trichloroethane	9.48		"	10.0	ND	94.8	82.5-129				
1,1-Dichloroethane	9.54		"	10.0	0.650	88.9	81.4-137				
1,1-Dichloroethylene	8.92		"	10.0	ND	89.2	90-138	Low Bias			
1,1-Dichloropropylene	7.47		"	10.0	ND	74.7	91.7-131	Low Bias			
1,2,3-Trichlorobenzene	9.08		"	10.0	ND	90.8	75.9-130				
1,2,3-Trichloropropane	8.53		"	10.0	ND	85.3	77.1-140				
1,2,4-Trichlorobenzene	8.70		"	10.0	ND	87.0	69.8-135				
1,2,4-Trimethylbenzene	8.95		"	10.0	ND	89.5	79.4-131				
1,2-Dibromo-3-chloropropane	8.96		"	10.0	ND	89.6	66.6-143				
1,2-Dibromoethane	9.18		"	10.0	ND	91.8	79.8-136				
1,2-Dichlorobenzene	7.92		"	10.0	ND	79.2	79.9-130	Low Bias			
1,2-Dichloroethane	9.75		"	10.0	ND	97.5	85-133				
1,2-Dichloropropane	8.70		"	10.0	ND	87.0	81.1-132				
1,3,5-Trimethylbenzene	7.71		"	10.0	ND	77.1	76.1-121				
1,3-Dichlorobenzene	8.05		"	10.0	ND	80.5	79.1-124				
1,3-Dichloropropane	8.76		"	10.0	ND	87.6	83.3-130				
1,4-Dichlorobenzene	8.05		"	10.0	ND	80.5	79.4-128				
2,2-Dichloropropane	8.66		"	10.0	ND	86.6	54.2-126				
2-Chlorotoluene	7.89		"	10.0	ND	78.9	60.2-144				
2-Hexanone	7.51		"	10.0	ND	75.1	70-130				
4-Chlorotoluene	8.53		"	10.0	ND	85.3	79.8-128				
Acetone	5.28		"	10.0	1.81	34.7	70-130	Low Bias			
Benzene	8.58		"	10.0	ND	85.8	74.1-134				
Bromobenzene	8.37		"	10.0	ND	83.7	76.6-125				
Bromochloromethane	8.80		"	10.0	ND	88.0	85-133				
Bromodichloromethane	9.51		"	10.0	ND	95.1	80.8-143				
Bromoform	8.18		"	10.0	ND	81.8	65.8-164				
Bromomethane	9.08		"	10.0	ND	90.8	68.7-112				
Carbon tetrachloride	8.16		"	10.0	ND	81.6	85.7-138	Low Bias			
Chlorobenzene	8.59		"	10.0	ND	85.9	79.9-129				
Chloroethane	8.78		"	10.0	ND	87.8	74.7-127				
Chloroform	9.28		"	10.0	0.140	91.4	50.6-145				
Chloromethane	8.52		"	10.0	ND	85.2	64-111				
cis-1,2-Dichloroethylene	8.94		"	10.0	ND	89.4	75.5-129				
cis-1,3-Dichloropropylene	9.06		"	10.0	ND	90.6	74.3-128				
Dibromochloromethane	8.84		"	10.0	ND	88.4	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 BG20599 - EPA 5030B											
Matrix Spike (BG20599-MS1)	*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)							Prepared & Analyzed: 07/13/2012			
Dibromomethane	9.61		ug/L	10.0	ND	96.1	83.3-140				
Dichlorodifluoromethane	1.57		"	10.0	ND	15.7	51-100	Low Bias			
Ethyl Benzene	9.59		"	10.0	ND	95.9	82.9-127				
Hexachlorobutadiene	8.31		"	10.0	ND	83.1	73-128				
Isopropylbenzene	8.93		"	10.0	ND	89.3	78.7-131				
Methyl tert-butyl ether (MTBE)	4.67		"	10.0	ND	46.7	81.2-134	Low Bias			
Methylene chloride	6.88		"	10.0	1.09	57.9	57.8-103				
Naphthalene	6.25		"	10.0	0.120	61.3	80.1-122	Low Bias			
n-Butylbenzene	8.72		"	10.0	ND	87.2	72.4-120				
n-Propylbenzene	8.54		"	10.0	ND	85.4	74-130				
o-Xylene	8.48		"	10.0	ND	84.8	78.8-122				
p- & m- Xylenes	16.9		"	20.0	ND	84.6	82.5-123				
p-Isopropyltoluene	8.43		"	10.0	ND	84.3	64.9-132				
sec-Butylbenzene	8.43		"	10.0	ND	84.3	25.4-151				
Styrene	8.24		"	10.0	ND	82.4	74.1-134				
tert-Butylbenzene	8.21		"	10.0	ND	82.1	79.5-171				
Tetrachloroethylene	9.79		"	10.0	1.32	84.7	72.5-130				
Toluene	8.65		"	10.0	ND	86.5	77.8-121				
trans-1,2-Dichloroethylene	8.81		"	10.0	ND	88.1	83.8-140				
trans-1,3-Dichloropropylene	9.07		"	10.0	ND	90.7	74.9-136				
Trichloroethylene	9.25		"	10.0	0.150	91.0	84.4-125				
Trichlorofluoromethane	9.31		"	10.0	ND	93.1	78.7-127				
Vinyl Chloride	8.76		"	10.0	ND	87.6	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*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*				
Matrix Spike Dup (BG20599-MSD1)	*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)							Prepared & Analyzed: 07/13/2012			
1,1,1,2-Tetrachloroethane	8.58		ug/L	10.0	ND	85.8	82-138		0.00	21.3	
1,1,1-Trichloroethane	11.0		"	10.0	1.93	90.6	85.7-133		1.45	22.6	
1,1,2,2-Tetrachloroethane	8.93		"	10.0	ND	89.3	78.6-136		5.05	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.21		"	10.0	ND	82.1	74.8-131		2.17	25.6	
1,1,2-Trichloroethane	9.33		"	10.0	ND	93.3	82.5-129		1.59	19.3	
1,1-Dichloroethane	9.65		"	10.0	0.650	90.0	81.4-137		1.23	20.7	
1,1-Dichloroethylene	9.01		"	10.0	ND	90.1	90-138		1.00	22.9	
1,1-Dichloropropylene	7.61		"	10.0	ND	76.1	91.7-131	Low Bias	1.86	24.9	
1,2,3-Trichlorobenzene	9.70		"	10.0	ND	97.0	75.9-130		6.60	21.4	
1,2,3-Trichloropropane	9.12		"	10.0	ND	91.2	77.1-140		6.69	28	
1,2,4-Trichlorobenzene	9.02		"	10.0	ND	90.2	69.8-135		3.61	22.5	
1,2,4-Trimethylbenzene	9.23		"	10.0	ND	92.3	79.4-131		3.08	33.9	
1,2-Dibromo-3-chloropropane	8.85		"	10.0	ND	88.5	66.6-143		1.24	23.3	
1,2-Dibromoethane	9.39		"	10.0	ND	93.9	79.8-136		2.26	19.1	
1,2-Dichlorobenzene	8.36		"	10.0	ND	83.6	79.9-130		5.41	23.2	
1,2-Dichloroethane	9.74		"	10.0	ND	97.4	85-133		0.103	19.1	
1,2-Dichloropropane	8.73		"	10.0	ND	87.3	81.1-132		0.344	19.9	
1,3,5-Trimethylbenzene	8.16		"	10.0	ND	81.6	76.1-121		5.67	31.2	
1,3-Dichlorobenzene	8.58		"	10.0	ND	85.8	79.1-124		6.37	22.6	
1,3-Dichloropropane	8.89		"	10.0	ND	88.9	83.3-130		1.47	20.9	
1,4-Dichlorobenzene	8.45		"	10.0	ND	84.5	79.4-128		4.85	21	
2,2-Dichloropropane	8.54		"	10.0	ND	85.4	54.2-126		1.40	24.5	
2-Chlorotoluene	8.94		"	10.0	ND	89.4	60.2-144		12.5	30.8	
2-Hexanone	8.66		"	10.0	ND	86.6	70-130		14.2	30	
4-Chlorotoluene	8.94		"	10.0	ND	89.4	79.8-128		4.69	23.2	
Acetone	6.02		"	10.0	1.81	42.1	70-130	Low Bias	19.3	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 BG20599 - EPA 5030B											
Matrix Spike Dup (BG20599-MSD1)	*Source sample: 12G0369-02 (GWQ71012:1040NP1-1-4)							Prepared & Analyzed: 07/13/2012			
Benzene	8.87		ug/L	10.0	ND	88.7	74.1-134		3.32	20.8	
Bromobenzene	8.59		"	10.0	ND	85.9	76.6-125		2.59	23	
Bromochloromethane	8.77		"	10.0	ND	87.7	85-133		0.341	18.4	
Bromodichloromethane	9.51		"	10.0	ND	95.1	80.8-143		0.00	18.1	
Bromoform	8.87		"	10.0	ND	88.7	65.8-164		8.09	27.3	
Bromomethane	8.98		"	10.0	ND	89.8	68.7-112		1.11	22.8	
Carbon tetrachloride	8.12		"	10.0	ND	81.2	85.7-138	Low Bias	0.491	25.1	
Chlorobenzene	8.74		"	10.0	ND	87.4	79.9-129		1.73	21	
Chloroethane	9.28		"	10.0	ND	92.8	74.7-127		5.54	23.7	
Chloroform	9.35		"	10.0	0.140	92.1	50.6-145		0.763	21.7	
Chloromethane	8.54		"	10.0	ND	85.4	64-111		0.234	21.4	
cis-1,2-Dichloroethylene	9.06		"	10.0	ND	90.6	75.5-129		1.33	20.2	
cis-1,3-Dichloropropylene	8.90		"	10.0	ND	89.0	74.3-128		1.78	19.8	
Dibromochloromethane	9.25		"	10.0	ND	92.5	76.8-150		4.53	20.8	
Dibromomethane	9.80		"	10.0	ND	98.0	83.3-140		1.96	20.4	
Dichlorodifluoromethane	1.69		"	10.0	ND	16.9	51-100	Low Bias	7.36	27.6	
Ethyl Benzene	9.61		"	10.0	ND	96.1	82.9-127		0.208	21.4	
Hexachlorobutadiene	8.77		"	10.0	ND	87.7	73-128		5.39	26	
Isopropylbenzene	9.34		"	10.0	ND	93.4	78.7-131		4.49	26.7	
Methyl tert-butyl ether (MTBE)	6.83		"	10.0	ND	68.3	81.2-134	Low Bias	37.6	21.2	Non-dir.
Methylene chloride	6.83		"	10.0	1.09	57.4	57.8-103	Low Bias	0.867	21.2	
Naphthalene	6.71		"	10.0	0.120	65.9	80.1-122	Low Bias	7.23	26.1	
n-Butylbenzene	9.22		"	10.0	ND	92.2	72.4-120		5.57	30.8	
n-Propylbenzene	8.85		"	10.0	ND	88.5	74-130		3.57	31	
o-Xylene	8.80		"	10.0	ND	88.0	78.8-122		3.70	21	
p- & m- Xylenes	17.8		"	20.0	ND	89.2	82.5-123		5.18	22.5	
p-Isopropyltoluene	8.79		"	10.0	ND	87.9	64.9-132		4.18	25.2	
sec-Butylbenzene	8.64		"	10.0	ND	86.4	25.4-151		2.46	25.2	
Styrene	8.56		"	10.0	ND	85.6	74.1-134		3.81	20	
tert-Butylbenzene	9.50		"	10.0	ND	95.0	79.5-171		14.6	24.8	
Tetrachloroethylene	9.80		"	10.0	1.32	84.8	72.5-130		0.118	22.7	
Toluene	8.92		"	10.0	ND	89.2	77.8-121		3.07	21.5	
trans-1,2-Dichloroethylene	9.13		"	10.0	ND	91.3	83.8-140		3.57	20.1	
trans-1,3-Dichloropropylene	9.24		"	10.0	ND	92.4	74.9-136		1.86	22.5	
Trichloroethylene	9.07		"	10.0	0.150	89.2	84.4-125		2.00	20.7	
Trichlorofluoromethane	9.15		"	10.0	ND	91.5	78.7-127		1.73	24.7	
Vinyl Chloride	8.75		"	10.0	ND	87.5	72.1-116		0.114	24.9	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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. 12G0369

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same	Purchase Order no.	RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:	NABSAG	RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		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	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygerates	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	Ni, 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)
GWQ71012:1030NPI-1-2	7/10/12 1030	GW	VOC 8260 full list (EPA SW846-8260B)	2v
GWQ71012:1040NPI-1-4	1040	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1040NPI-1-4MS	1040	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1040NPI-1-4MSD	1040	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1050NPI-1-6	1050	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1100NPI-1-7	1100	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1035NLL-1-5	1035	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1109NPI-1-8	1109	GW	VOC 8260 full list (EPA SW846-8260B)	
GWQ71012:1135NLL-1-9	1135	GW		
GWQ71012:1220NPI-1-3	1220	GW		

Comments

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

Samples Relinquished By: Danielle Vallo — Date/Time: 7/12/12 11:3

Samples Relinquished By — Date/Time

Samples Received By — Date/Time: 7/12/12 1430

Samples Received in LAB by — Date/Time: 7/12/12-1420

Temperature on Receipt 4.5 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0370

Report Date: 07/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0370

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 12, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0370-01	WQ71012:1110FRW1	Water	07/10/2012	07/12/2012
12G0370-02	WQ71012:1115FRW2	Water	07/10/2012	07/12/2012
12G0370-03	WQ71012:1120FRW3	Water	07/10/2012	07/12/2012
12G0370-04	WQ71012:1125FRW4	Water	07/10/2012	07/12/2012

General Notes for York Project (SDG) No.: 12G0370

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: 07/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ71012:1110FRW1 **York Sample ID:** 12G0370-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:10 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
71-55-6	1,1,1-Trichloroethane	**0.17**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS

Sample Information

Client Sample ID: WQ71012:1110FRW1 **York Sample ID:** 12G0370-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:10 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
156-59-2	cis-1,2-Dichloroethylene	**31**		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-09-2	Methylene chloride	**1.4**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
127-18-4	Tetrachloroethylene	**21**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
79-01-6	Trichloroethylene	**2.2**		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*111 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71012:1110FRW1 **York Sample ID:** 12G0370-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:10 am	07/12/2012

Sample Information

Client Sample ID: WQ71012:1115FRW2 **York Sample ID:** 12G0370-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:15 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
71-55-6	1,1,1-Trichloroethane	**0.12**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
71-43-2	Benzene	**0.13**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS

Sample Information

Client Sample ID: WQ71012:1115FRW2 **York Sample ID:** 12G0370-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:15 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
156-59-2	cis-1,2-Dichloroethylene	**17**		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-09-2	Methylene chloride	**1.2**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
127-18-4	Tetrachloroethylene	**40**		ug/L	0.14	1.0	2	EPA SW846-8260B	07/13/2012 11:24	07/24/2012 16:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
79-01-6	Trichloroethylene	**4.9**		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS

Sample Information

Client Sample ID: WQ71012:1115FRW2 **York Sample ID:** 12G0370-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:15 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	**0.70**		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 17:53	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71012:1120FRW3 **York Sample ID:** 12G0370-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:20 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-67-8	1,3,5-Trimethylbenzene	**0.17**	J	ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS

Sample Information

Client Sample ID: WQ71012:1120FRW3 **York Sample ID:** 12G0370-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:20 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
156-59-2	cis-1,2-Dichloroethylene	**3.1**		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
100-41-4	Ethyl Benzene	**0.12**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
98-82-8	Isopropylbenzene	**1.8**		ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
91-20-3	Naphthalene	**0.12**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
103-65-1	n-Propylbenzene	**1.3**		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1330-20-7P/M	p- & m- Xylenes	**0.14**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
99-87-6	p-Isopropyltoluene	**0.20**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
135-98-8	sec-Butylbenzene	**0.12**	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS

Sample Information

Client Sample ID: WQ71012:1120FRW3 **York Sample ID:** 12G0370-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:20 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
127-18-4	Tetrachloroethylene	**23**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
108-88-3	Toluene	**0.12**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
79-01-6	Trichloroethylene	**4.2**		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
75-01-4	Vinyl Chloride	**0.26**	J	ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS
1330-20-7	Xylenes, Total	**0.14**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 18:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*113 %*	*81.2-127*

Sample Information

Client Sample ID: WQ71012:1125FRW4 **York Sample ID:** 12G0370-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:25 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
71-55-6	1,1,1-Trichloroethane	**0.27**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
87-61-6	1,2,3-Trichlorobenzene	**0.39**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
120-82-1	1,2,4-Trichlorobenzene	**0.23**	J, B	ug/L	0.11	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS

Sample Information

Client Sample ID: WQ71012:1125FRW4 **York Sample ID:** 12G0370-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:25 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
156-59-2	cis-1,2-Dichloroethylene	**4.7**		ug/L	0.069	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
98-82-8	Isopropylbenzene	**0.11**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
91-20-3	Naphthalene	**1.9**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS

Sample Information

Client Sample ID: WQ71012:1125FRW4 **York Sample ID:** 12G0370-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0370	Rowe Industries	Water	July 10, 2012 11:25 am	07/12/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	**0.11**	J	ug/L	0.083	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
95-47-6	o-Xylene	**0.16**	J	ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1330-20-7P/M	p- & m- Xylenes	**0.12**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
127-18-4	Tetrachloroethylene	**24**		ug/L	0.070	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
79-01-6	Trichloroethylene	**3.8**		ug/L	0.071	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS
1330-20-7	Xylenes, Total	**0.28**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	07/13/2012 11:24	07/13/2012 19:22	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*123 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG20598 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0370-01	WQ71012:1110FRW1	07/13/12
12G0370-03	WQ71012:1120FRW3	07/13/12
12G0370-04	WQ71012:1125FRW4	07/13/12
BG20598-BLK1	Blank	07/13/12
BG20598-BS1	LCS	07/13/12
BG20598-BSD1	LCS Dup	07/13/12

Batch ID: BG20990 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12G0370-02	WQ71012:1115FRW2	07/13/12
BG20990-BLK1	Blank	07/24/12
BG20990-BS1	LCS	07/24/12
BG20990-BSD1	LCS Dup	07/24/12

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20598 - EPA 5030B											
Blank (BG20598-BLK1)									Prepared & Analyzed: 07/13/2012		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.0	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.63	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	0.67	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	3.0	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	2.8	2.0	"								
Naphthalene	3.7	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
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 BG20598 - EPA 5030B											
Blank (BG20598-BLK1)								Prepared & Analyzed: 07/13/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.70*		*"*	*10.0*		*97.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81.2-127*				
LCS (BG20598-BS1)								Prepared & Analyzed: 07/13/2012			
1,1,1,2-Tetrachloroethane	9.93		ug/L	10.0		99.3	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	6.44		"	10.0		64.4	75-136	Low Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	63-131				
1,2,4-Trichlorobenzene	9.23		"	10.0		92.3	70.6-136				
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135				
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	76.1-122				
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132				
1,2-Dichloropropane	9.99		"	10.0		99.9	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124				
1,3-Dichloropropane	9.92		"	10.0		99.2	75.8-126				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	76.6-125				
2,2-Dichloropropane	12.2		"	10.0		122	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	9.22		"	10.0		92.2	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.79		"	10.0		97.9	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	9.95		"	10.0		99.5	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	11.6		"	10.0		116	70.5-141				
Bromomethane	9.82		"	10.0		98.2	43.9-147				
Carbon tetrachloride	7.80		"	10.0		78.0	78.1-138	Low Bias			
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	11.1		"	10.0		111	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.6		"	10.0		106	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 BG20598 - EPA 5030B											
LCS (BG20598-BS1)							Prepared & Analyzed: 07/13/2012				
Dibromochloromethane	10.5		ug/L	10.0		105	79.8-134				
Dibromomethane	10.7		"	10.0		107	79-130				
Dichlorodifluoromethane	9.84		"	10.0		98.4	47.1-101				
Ethyl Benzene	11.3		"	10.0		113	80.8-128				
Hexachlorobutadiene	9.81		"	10.0		98.1	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140				
Methylene chloride	9.26		"	10.0		92.6	61.3-120				
Naphthalene	8.69		"	10.0		86.9	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.6		"	10.0		106	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	20.9		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.84		"	10.0		98.4	77.8-123				
tert-Butylbenzene	10.3		"	10.0		103	75.9-151				
Tetrachloroethylene	10.6		"	10.0		106	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	11.4		"	10.0		114	57.4-133				
Vinyl Chloride	11.4		"	10.0		114	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)							Prepared & Analyzed: 07/13/2012				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		1.10	21.1	
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137		5.91	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	71.1-129		2.30	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		1.82	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		5.19	20.6	
1,1-Dichloroethylene	10.6		"	10.0		106	80.2-146		4.99	20	
1,1-Dichloropropylene	7.36		"	10.0		73.6	75-136	Low Bias	13.3	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		6.06	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		2.20	23.9	
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	70.6-136		1.08	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		2.80	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		3.18	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		1.74	23	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	76.1-122		2.28	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		0.179	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		4.12	20.7	
1,3,5-Trimethylbenzene	9.96		"	10.0		99.6	70.6-127		4.32	18.9	
1,3-Dichlorobenzene	9.70		"	10.0		97.0	77-124		2.44	19.2	
1,3-Dichloropropane	9.89		"	10.0		98.9	75.8-126		0.303	22.1	
1,4-Dichlorobenzene	9.63		"	10.0		96.3	76.6-125		2.97	18.6	
2,2-Dichloropropane	11.4		"	10.0		114	69-133		7.21	19.8	
2-Chlorotoluene	9.84		"	10.0		98.4	66.3-119		3.40	21.6	
2-Hexanone	9.50		"	10.0		95.0	70-130		2.99	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		1.16	19	
Acetone	8.23		"	10.0		82.3	70-130		17.3	30	
Benzene	10.0		"	10.0		100	76.2-129		3.53	19	
Bromobenzene	9.83		"	10.0		98.3	71.3-123		1.21	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		2.06	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.08	21	
Bromoform	10.6		"	10.0		106	70.5-141		9.39	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		4.29	28.4	
Carbon tetrachloride	9.09		"	10.0		90.9	78.1-138		15.3	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		1.85	19.9	
Chloroethane	9.77		"	10.0		97.7	55.8-140		7.58	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		4.15	20.3	
Chloromethane	10.6		"	10.0		106	48.8-115		4.14	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.38	20.5	
cis-1,3-Dichloropropylene	11.2		"	10.0		112	74.5-128		5.22	19.9	
Dibromochloromethane	10.6		"	10.0		106	79.8-134		0.760	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		2.85	22.4	
Dichlorodifluoromethane	9.68		"	10.0		96.8	47.1-101		1.64	23.9	
Ethyl Benzene	11.4		"	10.0		114	80.8-128		0.442	19.2	
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128		1.52	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.70	20	
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	65.1-140		9.57	23.6	
Methylene chloride	9.39		"	10.0		93.9	61.3-120		1.39	20.4	
Naphthalene	9.91		"	10.0		99.1	62.3-148		13.1	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		2.04	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.24	23.4	
o-Xylene	10.1		"	10.0		101	75.9-122		0.397	19.3	
p- & m- Xylenes	21.3		"	20.0		107	77.7-127		2.04	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		3.14	19.1	
sec-Butylbenzene	10.1		"	10.0		101	71.5-125		3.61	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 BG20598 - EPA 5030B											
LCS Dup (BG20598-BSD1)								Prepared & Analyzed: 07/13/2012			
Styrene	10.0		ug/L	10.0		100	77.8-123		2.01	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		2.85	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		1.05	27.7	
Toluene	10.4		"	10.0		104	77-123		1.45	18.7	
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139		1.64	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		2.10	19.3	
Trichloroethylene	11.0		"	10.0		110	77.9-130		1.46	20.5	
Trichlorofluoromethane	11.0		"	10.0		110	57.4-133		3.29	21.4	
Vinyl Chloride	10.7		"	10.0		107	54.9-124		6.08	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81.2-127*				
Batch BG20990 - EPA 5030B											
Blank (BG20990-BLK1)								Prepared & Analyzed: 07/24/2012			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG20990 - EPA 5030B											
Blank (BG20990-BLK1)									Prepared & Analyzed: 07/24/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	0.64	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*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 BG20990 - EPA 5030B											
LCS (BG20990-BS1)							Prepared & Analyzed: 07/24/2012				
1,1,1,2-Tetrachloroethane	9.32		ug/L	10.0		93.2	82.3-130				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	75.6-137				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.79		"	10.0		87.9	71.1-129				
1,1,2-Trichloroethane	9.18		"	10.0		91.8	74.5-129				
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132				
1,1-Dichloroethylene	9.90		"	10.0		99.0	80.2-146				
1,1-Dichloropropylene	9.34		"	10.0		93.4	75-136				
1,2,3-Trichlorobenzene	8.05		"	10.0		80.5	66.1-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131				
1,2,4-Trichlorobenzene	7.93		"	10.0		79.3	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	58.9-140				
1,2-Dibromoethane	9.44		"	10.0		94.4	79-130				
1,2-Dichlorobenzene	9.22		"	10.0		92.2	76.1-122				
1,2-Dichloroethane	9.80		"	10.0		98.0	74.6-132				
1,2-Dichloropropane	9.43		"	10.0		94.3	76.9-129				
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	70.6-127				
1,3-Dichlorobenzene	9.49		"	10.0		94.9	77-124				
1,3-Dichloropropane	9.19		"	10.0		91.9	75.8-126				
1,4-Dichlorobenzene	9.42		"	10.0		94.2	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	9.93		"	10.0		99.3	66.3-119				
2-Hexanone	8.11		"	10.0		81.1	70-130				
4-Chlorotoluene	9.96		"	10.0		99.6	69.2-127				
Acetone	6.38		"	10.0		63.8	70-130	Low Bias			
Benzene	9.14		"	10.0		91.4	76.2-129				
Bromobenzene	9.97		"	10.0		99.7	71.3-123				
Bromochloromethane	9.19		"	10.0		91.9	70.8-137				
Bromodichloromethane	9.95		"	10.0		99.5	79.7-134				
Bromoform	10.5		"	10.0		105	70.5-141				
Bromomethane	8.97		"	10.0		89.7	43.9-147				
Carbon tetrachloride	9.81		"	10.0		98.1	78.1-138				
Chlorobenzene	9.52		"	10.0		95.2	80.4-125				
Chloroethane	9.30		"	10.0		93.0	55.8-140				
Chloroform	9.40		"	10.0		94.0	76.6-133				
Chloromethane	9.61		"	10.0		96.1	48.8-115				
cis-1,2-Dichloroethylene	9.47		"	10.0		94.7	75.1-128				
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	74.5-128				
Dibromochloromethane	9.62		"	10.0		96.2	79.8-134				
Dibromomethane	9.32		"	10.0		93.2	79-130				
Dichlorodifluoromethane	8.18		"	10.0		81.8	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	8.24		"	10.0		82.4	64.8-128				
Isopropylbenzene	10.8		"	10.0		108	75.5-135				
Methyl tert-butyl ether (MTBE)	7.92		"	10.0		79.2	65.1-140				
Methylene chloride	6.19		"	10.0		61.9	61.3-120				
Naphthalene	8.21		"	10.0		82.1	62.3-148				
n-Butylbenzene	9.49		"	10.0		94.9	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.19		"	10.0		91.9	75.9-122				
p- & m- Xylenes	19.1		"	20.0		95.3	77.7-127				
p-Isopropyltoluene	9.60		"	10.0		96.0	75.6-129				
sec-Butylbenzene	9.69		"	10.0		96.9	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 BG20990 - EPA 5030B											
LCS (BG20990-BS1)								Prepared & Analyzed: 07/24/2012			
Styrene	9.05		ug/L	10.0		90.5	77.8-123				
tert-Butylbenzene	10.9		"	10.0		109	75.9-151				
Tetrachloroethylene	9.88		"	10.0		98.8	63.6-167				
Toluene	9.60		"	10.0		96.0	77-123				
trans-1,2-Dichloroethylene	9.96		"	10.0		99.6	76.3-139				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	72.5-137				
Trichloroethylene	9.88		"	10.0		98.8	77.9-130				
Trichlorofluoromethane	9.80		"	10.0		98.0	57.4-133				
Vinyl Chloride	9.51		"	10.0		95.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS Dup (BG20990-BSD1)								Prepared & Analyzed: 07/24/2012			
1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82.3-130		1.49	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		6.59	19.7	
1,1,2,2-Tetrachloroethane	8.94		"	10.0		89.4	71.3-131		11.8	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.40		"	10.0		94.0	71.1-129		6.71	21.7	
1,1,2-Trichloroethane	9.07		"	10.0		90.7	74.5-129		1.21	20.3	
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132		1.12	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		4.35	20	
1,1-Dichloropropylene	10.1		"	10.0		101	75-136		8.12	19.3	
1,2,3-Trichlorobenzene	8.99		"	10.0		89.9	66.1-136		11.0	21.6	
1,2,3-Trichloropropane	9.40		"	10.0		94.0	63-131		12.0	23.9	
1,2,4-Trichlorobenzene	8.70		"	10.0		87.0	70.6-136		9.26	21.7	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	75.3-135		3.13	18.8	
1,2-Dibromo-3-chloropropane	8.69		"	10.0		86.9	58.9-140		6.03	27.7	
1,2-Dibromoethane	9.14		"	10.0		91.4	79-130		3.23	23	
1,2-Dichlorobenzene	9.34		"	10.0		93.4	76.1-122		1.29	19.8	
1,2-Dichloroethane	9.83		"	10.0		98.3	74.6-132		0.306	20.2	
1,2-Dichloropropane	9.45		"	10.0		94.5	76.9-129		0.212	20.7	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70.6-127		3.23	18.9	
1,3-Dichlorobenzene	9.52		"	10.0		95.2	77-124		0.316	19.2	
1,3-Dichloropropane	8.72		"	10.0		87.2	75.8-126		5.25	22.1	
1,4-Dichlorobenzene	9.32		"	10.0		93.2	76.6-125		1.07	18.6	
2,2-Dichloropropane	10.8		"	10.0		108	69-133		5.23	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		2.78	21.6	
2-Hexanone	6.93		"	10.0		69.3	70-130	Low Bias	15.7	30	
4-Chlorotoluene	10.0		"	10.0		100	69.2-127		0.800	19	
Acetone	6.09		"	10.0		60.9	70-130	Low Bias	4.65	30	
Benzene	9.67		"	10.0		96.7	76.2-129		5.64	19	
Bromobenzene	9.58		"	10.0		95.8	71.3-123		3.99	20.3	
Bromochloromethane	9.09		"	10.0		90.9	70.8-137		1.09	23.9	
Bromodichloromethane	9.88		"	10.0		98.8	79.7-134		0.706	21	
Bromoform	10.0		"	10.0		100	70.5-141		5.06	21.8	
Bromomethane	9.79		"	10.0		97.9	43.9-147		8.74	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		7.17	20.1	
Chlorobenzene	9.83		"	10.0		98.3	80.4-125		3.20	19.9	
Chloroethane	9.58		"	10.0		95.8	55.8-140		2.97	23.3	
Chloroform	9.70		"	10.0		97.0	76.6-133		3.14	20.3	
Chloromethane	9.99		"	10.0		99.9	48.8-115		3.88	24.5	
cis-1,2-Dichloroethylene	9.49		"	10.0		94.9	75.1-128		0.211	20.5	
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	74.5-128		2.27	19.9	
Dibromochloromethane	9.29		"	10.0		92.9	79.8-134		3.49	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 BG20990 - EPA 5030B											
LCS Dup (BG20990-BSD1)							Prepared & Analyzed: 07/24/2012				
Dibromomethane	9.55		ug/L	10.0		95.5	79-130		2.44	22.4	
Dichlorodifluoromethane	8.81		"	10.0		88.1	47.1-101		7.42	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		5.69	19.2	
Hexachlorobutadiene	9.76		"	10.0		97.6	64.8-128		16.9	20.6	
Isopropylbenzene	11.0		"	10.0		110	75.5-135		2.48	20	
Methyl tert-butyl ether (MTBE)	7.56		"	10.0		75.6	65.1-140		4.65	23.6	
Methylene chloride	6.25		"	10.0		62.5	61.3-120		0.965	20.4	
Naphthalene	8.88		"	10.0		88.8	62.3-148		7.84	27.1	
n-Butylbenzene	10.2		"	10.0		102	67.2-123		7.11	19.1	
n-Propylbenzene	10.4		"	10.0		104	70.5-127		2.14	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		5.40	19.3	
p- & m- Xylenes	20.1		"	20.0		100	77.7-127		5.31	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		6.65	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		6.01	18.9	
Styrene	9.40		"	10.0		94.0	77.8-123		3.79	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		3.88	20.9	
Tetrachloroethylene	10.2		"	10.0		102	63.6-167		2.99	27.7	
Toluene	9.86		"	10.0		98.6	77-123		2.67	18.7	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	76.3-139		5.75	19.5	
trans-1,3-Dichloropropylene	9.13		"	10.0		91.3	72.5-137		2.38	19.3	
Trichloroethylene	10.5		"	10.0		105	77.9-130		6.27	20.5	
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133		6.52	21.4	
Vinyl Chloride	10.0		"	10.0		100	54.9-124		5.22	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12G0370

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	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)
WQ71012:1110FRW1	7/10/12	1110	GW	VOC 8260 full list (EPA SW846-8260B)	2v
WQ71012:1115FRW2	↓	1115	GW	VOC 8260 full list (EPA SW846-8260B)	↓
WQ71012:1120FRW3		1120	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ71012:1125FRW4	↓	1125	GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	
			GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

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

Samples Relinquished By: Date/Time 7/12/12 11:30
Samples Relinquished By: Date/Time
Samples Received By: Date/Time 7/12/12 11:30
Samples Received in LAB by: Date/Time 7/12/12-1420

Temperature on Receipt: 4.5 °C

APPENDIX III
JULY 2012 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0774

Report Date: 08/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12G0774

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 26, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0774-01	AQ072512:1300NP4-1	Vapor Extraction	07/25/2012	07/26/2012
12G0774-02	AQ072512:1310NP4-2	Vapor Extraction	07/25/2012	07/26/2012
12G0774-03	AQ072512:1320NP4-3	Vapor Extraction	07/25/2012	07/26/2012

General Notes for York Project (SDG) No.: 12G0774

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

Approved By: 

Date: 08/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ072512:1300NP4-1 **York Sample ID:** 12G0774-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:00 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.17	0.96	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.29	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.094	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.24	0.96	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.085	0.71	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.10	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.29	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.26	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.71	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.18	0.81	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.21	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.19	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.23	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.57	6.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
78-93-3	2-Butanone	**6.1**		ug/m³	0.21	0.52	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
591-78-6	2-Hexanone	ND		ug/m³	0.40	1.4	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.26	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-64-1	Acetone	**18**	B	ug/m³	0.13	0.42	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
71-43-2	Benzene	ND		ug/m³	0.084	0.56	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.91	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.26	1.1	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-25-2	Bromoform	ND		ug/m³	0.33	1.8	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
74-83-9	Bromomethane	ND		ug/m³	0.082	0.68	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-15-0	Carbon disulfide	**1.1**		ug/m³	0.066	0.55	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.55	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.81	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-00-3	Chloroethane	ND		ug/m³	0.056	0.46	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-66-3	Chloroform	ND		ug/m³	0.13	0.86	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
74-87-3	Chloromethane	**1.1**		ug/m³	0.11	0.36	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD

Sample Information

Client Sample ID: **AQ072512:1300NP4-1** **York Sample ID:** **12G0774-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:00 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.20	0.80	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
110-82-7	Cyclohexane	ND		ug/m³	0.073	0.60	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-71-8	Dichlorodifluoromethane	**1.6**		ug/m³	0.22	0.87	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.16	0.63	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.34	1.9	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
67-63-0	Isopropanol	**6.7**		ug/m³	0.15	0.43	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.076	0.63	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-09-2	Methylene chloride	**1.9**	B	ug/m³	0.15	0.61	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
142-82-5	n-Heptane	ND		ug/m³	0.086	0.72	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
110-54-3	n-Hexane	**0.99**		ug/m³	0.074	0.62	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.26	0.76	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.3	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.30	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.75	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.14	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.52	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-88-3	Toluene	ND		ug/m³	0.16	0.66	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.084	0.70	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.80	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.47	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.059	0.99	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.093	1.2	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.90	1.726	EPA TO-15	07/27/2012 09:00	07/27/2012 17:31	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.0 %*	*70-130*

Sample Information

Client Sample ID: **AQ072512:1310NP4-2** **York Sample ID:** **12G0774-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:10 pm	07/26/2012

Sample Information

Client Sample ID: AQ072512:1310NP4-2 **York Sample ID:** 12G0774-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:10 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	**15**		ug/m³	0.19	1.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.32	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.10	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.26	1.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-34-3	1,1-Dichloroethane	**7.2**		ug/m³	0.093	0.77	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.31	1.4	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.7	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.29	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.19	0.77	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.88	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.23	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.9	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.21	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.25	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	6.9	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
78-93-3	2-Butanone	**3.3**		ug/m³	0.23	0.56	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
591-78-6	2-Hexanone	ND		ug/m³	0.43	1.6	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.28	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-64-1	Acetone	**23**	B	ug/m³	0.14	0.45	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
71-43-2	Benzene	ND		ug/m³	0.092	0.61	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.12	0.99	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.29	1.2	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-25-2	Bromoform	ND		ug/m³	0.36	2.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
74-83-9	Bromomethane	ND		ug/m³	0.089	0.74	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-15-0	Carbon disulfide	**1.5**		ug/m³	0.071	0.60	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.60	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.16	0.88	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-00-3	Chloroethane	ND		ug/m³	0.061	0.50	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-66-3	Chloroform	**3.4**		ug/m³	0.14	0.93	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
74-87-3	Chloromethane	ND		ug/m³	0.12	0.40	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
156-59-2	cis-1,2-Dichloroethylene	**1.6**		ug/m³	0.13	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.22	0.87	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD

Sample Information

Client Sample ID: **AQ072512:1310NP4-2** **York Sample ID:** **12G0774-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:10 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m³	0.079	0.66	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-71-8	Dichlorodifluoromethane	**1.0**		ug/m³	0.24	0.95	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.69	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.15	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.37	2.0	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
67-63-0	Isopropanol	**5.3**		ug/m³	0.16	0.47	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.78	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.083	0.69	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-09-2	Methylene chloride	**1.5**	B	ug/m³	0.16	0.66	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
142-82-5	n-Heptane	ND		ug/m³	0.094	0.78	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
110-54-3	n-Hexane	ND		ug/m³	0.081	0.67	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
95-47-6	o-Xylene	ND		ug/m³	0.15	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.28	0.83	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.17	4.7	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.33	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
100-42-5	Styrene	ND		ug/m³	0.15	0.81	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
127-18-4	Tetrachloroethylene	**38**		ug/m³	0.16	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.56	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-88-3	Toluene	ND		ug/m³	0.17	0.72	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.091	0.76	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.16	0.87	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
79-01-6	Trichloroethylene	**1.7**		ug/m³	0.12	0.51	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.064	1.1	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.10	1.3	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.12	0.98	1.881	EPA TO-15	07/27/2012 09:00	07/27/2012 19:08	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*70-130*

Sample Information

Client Sample ID: **AQ072512:1320NP4-3** **York Sample ID:** **12G0774-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:20 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ072512:1320NP4-3 **York Sample ID:** 12G0774-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:20 pm	07/26/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	**9.0**		ug/m³	0.17	0.93	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.28	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	**4.8**		ug/m³	0.092	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.23	0.93	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-34-3	1,1-Dichloroethane	**8.6**		ug/m³	0.083	0.69	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-35-4	1,1-Dichloroethylene	**0.88**		ug/m³	0.10	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.28	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.10	4.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.26	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.69	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.17	0.79	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.20	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.7	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.11	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.18	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.23	1.0	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.55	6.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
78-93-3	2-Butanone	**4.8**		ug/m³	0.20	0.50	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
591-78-6	2-Hexanone	ND		ug/m³	0.38	1.4	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.25	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-64-1	Acetone	**34**	B	ug/m³	0.13	0.41	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
71-43-2	Benzene	**0.87**		ug/m³	0.082	0.55	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.88	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.25	1.1	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-25-2	Bromoform	ND		ug/m³	0.32	1.8	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
74-83-9	Bromomethane	ND		ug/m³	0.080	0.66	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-15-0	Carbon disulfide	**1.3**		ug/m³	0.064	0.53	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.13	0.54	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.14	0.79	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-00-3	Chloroethane	ND		ug/m³	0.054	0.45	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-66-3	Chloroform	**3.6**		ug/m³	0.13	0.83	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
74-87-3	Chloromethane	**1.0**		ug/m³	0.11	0.35	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.19	0.78	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
110-82-7	Cyclohexane	ND		ug/m³	0.071	0.59	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD

Sample Information

Client Sample ID: AQ072512:1320NP4-3 **York Sample ID:** 12G0774-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0774	Rowe Industries	Vapor Extraction	July 25, 2012 1:20 pm	07/26/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-71-8	Dichlorodifluoromethane	**1.8**		ug/m³	0.21	0.84	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.15	0.62	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.13	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.33	1.8	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
67-63-0	Isopropanol	**2.4**		ug/m³	0.15	0.42	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.70	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.074	0.61	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-09-2	Methylene chloride	**53**	B	ug/m³	0.14	0.59	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
142-82-5	n-Heptane	ND		ug/m³	0.084	0.70	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
110-54-3	n-Hexane	**20**		ug/m³	0.072	0.60	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
95-47-6	o-Xylene	ND		ug/m³	0.13	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.25	0.74	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.15	4.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.29	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
100-42-5	Styrene	ND		ug/m³	0.13	0.73	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.14	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
109-99-9	Tetrahydrofuran	**1.4**		ug/m³	0.13	0.50	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-88-3	Toluene	ND		ug/m³	0.15	0.64	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.081	0.68	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.14	0.78	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.11	0.46	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.4**		ug/m³	0.058	0.96	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.090	1.2	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.10	0.87	1.68	EPA TO-15	07/27/2012 09:00	07/27/2012 19:57	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BG21278 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12G0774-01	AQ072512:1300NP4-1	07/27/12
12G0774-02	AQ072512:1310NP4-2	07/27/12
12G0774-03	AQ072512:1320NP4-3	07/27/12
BG21278-BLK1	Blank	07/27/12
BG21278-BS1	LCS	07/27/12
BG21278-DUP1	Duplicate	07/27/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG21278 - EPA TO15 PREP

Blank (BG21278-BLK1) Prepared & Analyzed: 07/27/2012

Vinyl Chloride	ND	0.52	ug/m³								
Vinyl acetate	ND	0.72	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.44	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.46	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	0.24	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	3.7	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	2.5	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								
Trichlorofluoromethane (Freon 11)	ND	0.57	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21278 - EPA TO15 PREP											
Blank (BG21278-BLK1)								Prepared & Analyzed: 07/27/2012			
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.50*		*ppbv*	*10.0*		*85.0*	*70-130*				
LCS (BG21278-BS1)								Prepared & Analyzed: 07/27/2012			
Vinyl Chloride	8.73		ppbv	10.1		86.4	70-130				
Vinyl acetate	9.74		"	9.70		100	58.1-135				
Trichloroethylene	9.55		"	10.2		93.6	70-130				
trans-1,3-Dichloropropylene	10.4		"	9.90		105	62-135				
trans-1,2-Dichloroethylene	8.56		"	9.50		90.1	58.3-130				
Toluene	11.0		"	10.8		101	64.9-126				
Tetrahydrofuran	12.1		"	10.2		119	44.6-146				
Tetrachloroethylene	9.74		"	10.5		92.8	70-130				
Styrene	13.1		"	10.7		122	66.4-132				
Propylene	8.97		"	11.0		81.5	62.4-150				
p-Ethyltoluene	11.6		"	10.4		111	73.8-146				
p- & m- Xylenes	22.6		"	21.0		107	56.6-136				
o-Xylene	12.0		"	10.8		111	67.8-133				
n-Hexane	10.4		"	10.3		101	59.7-130				
n-Heptane	10.6		"	10.4		102	62.3-134				
Methylene chloride	8.18		"	10.0		81.8	62.6-130				
Methyl tert-butyl ether (MTBE)	9.56		"	10.2		93.7	60.7-139				
4-Methyl-2-pentanone	13.1		"	10.0		131	64.5-158				
Isopropanol	11.1		"	9.90		113	60-150				
Hexachlorobutadiene	12.0		"	11.0		109	61.2-150				
Ethyl Benzene	10.9		"	10.7		102	68.4-125				
Ethyl acetate	10.8		"	10.0		108	40.6-150				
Cyclohexane	10.1		"	10.2		98.8	60.4-127				
cis-1,3-Dichloropropylene	11.2		"	10.7		105	65.5-129				
cis-1,2-Dichloroethylene	9.07		"	10.5		86.4	51.3-118				
Chloromethane	8.68		"	10.1		85.9	64.9-130				
Chloroform	7.88		"	10.0		78.8	65.1-130				
Chloroethane	9.00		"	10.1		89.1	52.1-131				
Carbon tetrachloride	7.50		"	10.1		74.3	70-130				
Carbon disulfide	8.75		"	10.0		87.5	61.8-111				
Bromomethane	8.08		"	10.2		79.2	60.1-140				
Bromoform	11.6		"	10.5		111	58.7-150				
Bromodichloromethane	9.60		"	10.2		94.1	65.3-127				
Benzyl chloride	11.3		"	10.2		111	62.5-150				
Benzene	9.69		"	10.4		93.2	69.5-130				
Acetone	9.83		"	10.0		98.3	55.3-133				
2-Hexanone	14.9		"	10.1		147	52-150				
2-Butanone	11.0		"	10.0		110	28.5-154				
1,4-Dioxane	16.2		"	10.2		159	50-150	High Bias			
1,4-Dichlorobenzene	12.6		"	10.6		118	62.5-139				
1,3-Dichlorobenzene	12.0		"	10.2		118	71.9-153				
1,3-Butadiene	9.48		"	10.5		90.3	66.7-127				
1,3,5-Trimethylbenzene	12.0		"	10.6		113	65-152				
1,2-Dichlorotetrafluoroethane	8.54		"	10.1		84.6	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 BG21278 - EPA TO15 PREP											
LCS (BG21278-BS1)							Prepared & Analyzed: 07/27/2012				
1,2-Dichloropropane	11.1		ppbv	10.7		104	21.3-152				
1,2-Dichloroethane	8.45		"	10.4		81.2	51.2-124				
1,2-Dichlorobenzene	12.5		"	10.6		118	63.7-148				
1,2,4-Trimethylbenzene	12.5		"	10.7		117	67.9-152				
1,2,4-Trichlorobenzene	12.1		"	11.0		110	58-147				
1,1-Dichloroethylene	8.54		"	9.80		87.1	58.1-130				
1,1-Dichloroethane	9.24		"	10.2		90.6	63.3-130				
Trichlorofluoromethane (Freon 11)	7.64		"	10.5		72.8	56-132				
1,1,2-Trichloroethane	10.2		"	10.7		95.2	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.06		"	9.70		83.1	60.2-125				
1,1,2,2-Tetrachloroethane	12.8		"	10.8		118	63.7-132				
1,1,1-Trichloroethane	7.92		"	10.4		76.2	58.2-126				
Dichlorodifluoromethane	7.38		"	10.0		73.8	62.8-133				
1,2-Dibromoethane	9.93		"	10.6		93.7	70-130				
Dibromochloromethane	9.78		"	10.6		92.3	70-130				
Methyl Methacrylate	10.7		"	10.1		106	70-130				
Chlorobenzene	10.9		"	10.8		101	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*70-130*				
Duplicate (BG21278-DUP1)	*Source sample: 12G0774-01 (AQ072512:1300NP4-1)						Prepared & Analyzed: 07/27/2012				
Vinyl Chloride	ND	0.90	ug/m³		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	ND	0.47	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.80	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.70	"		ND					25	
Toluene	ND	0.66	"		ND					25	
Tetrahydrofuran	ND	0.52	"		ND					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	ND	0.76	"		ND					25	
o-Xylene	ND	0.76	"		ND					25	
n-Hexane	0.99	0.62	"		0.99				0.00	25	
n-Heptane	ND	0.72	"		ND					25	
Methylene chloride	2.0	0.61	"		1.9				3.17	25	
Methyl tert-butyl ether (MTBE)	ND	0.63	"		ND					25	
4-Methyl-2-pentanone	ND	0.72	"		ND					25	
Isopropanol	4.7	0.43	"		6.7				36.4	25	Non-dir.
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	0.80	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.70	"		ND					25	
Chloromethane	1.1	0.36	"		1.1				3.39	25	
Chloroform	ND	0.86	"		ND					25	
Chloroethane	ND	0.46	"		ND					25	
Carbon tetrachloride	ND	0.55	"		ND					25	
Carbon disulfide	1.2	0.55	"		1.1				4.65	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 BG21278 - EPA TO15 PREP											
Duplicate (BG21278-DUP1)	*Source sample: 12G0774-01 (AQ072512:1300NP4-1)								Prepared & Analyzed: 07/27/2012		
Benzene	ND	0.56	ug/m³		ND					25	
Acetone	18	0.42	"		18				0.238	25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	5.9	0.52	"		6.1				2.60	25	
1,4-Dioxane	ND	6.3	"		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	1.7	"		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	ND	4.3	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.70	"		ND					25	
1,1-Dichloroethane	ND	0.71	"		ND					25	
Trichlorofluoromethane (Freon 11)	0.89	0.99	"		0.89				0.00	25	
1,1,2-Trichloroethane	ND	0.96	"		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	0.96	"		ND					25	
Dichlorodifluoromethane	1.6	0.87	"		1.6				0.00	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	*10.0*		*ppbv*	*10.0*		*100*	*70-130*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 12G0774

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

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

Samples Collected/Authorized By (Signature)

Tunde Gonsves-Sandor
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
AQ072512:1305HP4-1	7-25-12	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
AQ072512:1315HP4-2	↓	AE			↓	6 Liter Summa canister ✓ Tedlar Bag
AQ072512:1320HP4-3	↓	AE			↓	6 Liter Summa canister ✓ Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By	7-26-12 1140	Samples Received By	7/26/12 11:40
Samples Relinquished By	Date/Time	Samples Received in LAB by	7-26-12 Date/Time