TABLE 2

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

Effluent Water Quality Results

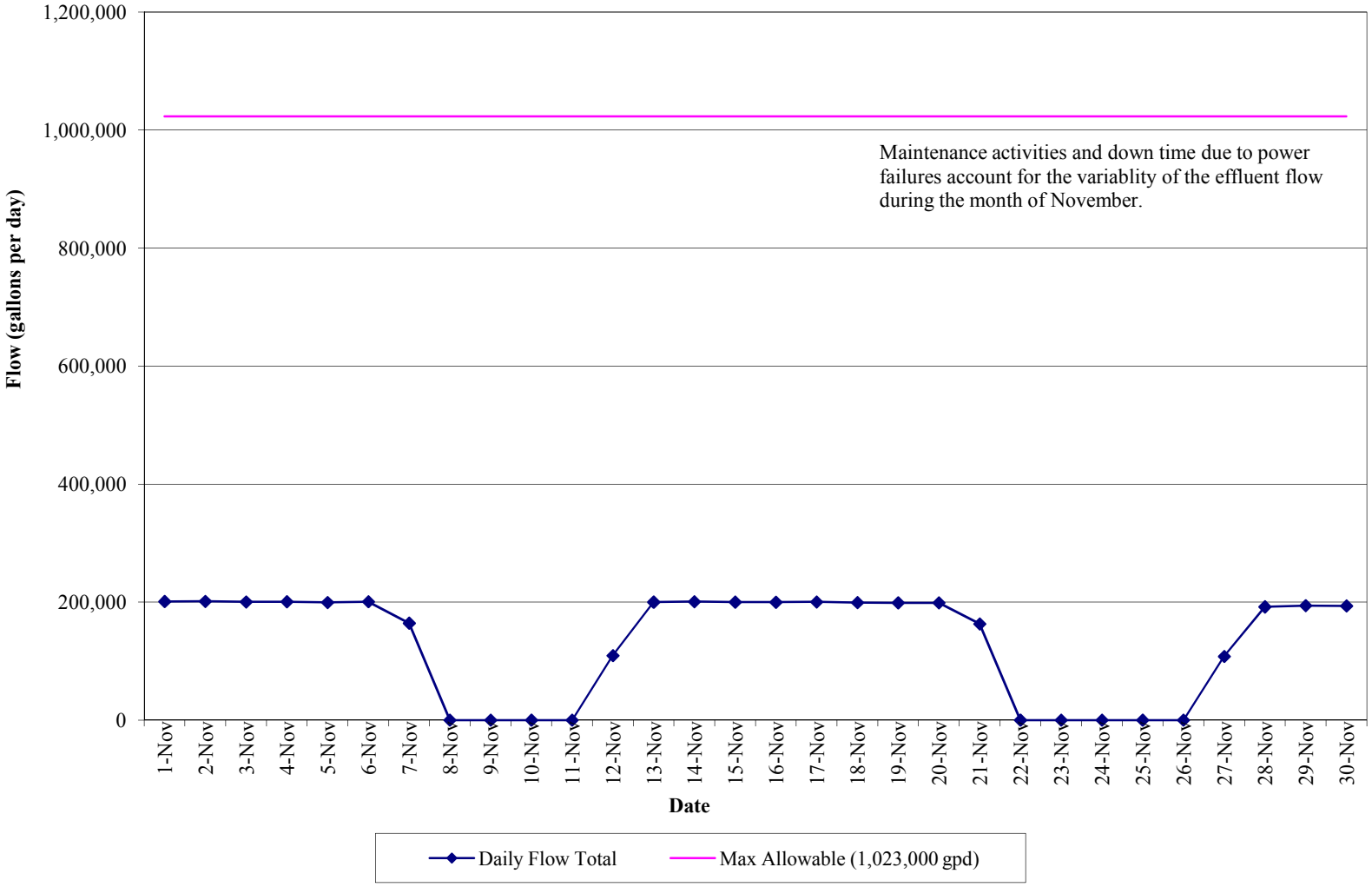
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
5-Nov-12	7.5	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	ND<2	ND<0.5	ND<2	ND<0.5	1.82	0.048
12-Nov-12	7.6	103	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	18.9	0.024
19-Nov-12	7.5	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	0.12 J,B	ND<0.5	1.36	0.052
27-Nov-12	7.4	111	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.88	0.021

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
(November 1, 2012 to November 30, 2012)



APPENDIX I
NOVEMBER 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: 11/16/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0152

Report Date: 11/16/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0152

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 November 07, 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
12K0152-01	WQ110512:1040NP2-6	Water	11/05/2012	11/07/2012
12K0152-02	WQ110512:1045NP2-7	Water	11/05/2012	11/07/2012
12K0154-01	WQ110512:1050NP2-10	Water	11/05/2012	11/07/2012

General Notes for York Project (SDG) No.: 12K0152

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:** 11/16/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ110512:1040NP2-6 **York Sample ID:** 12K0152-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:40 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 05:30	SS
71-55-6	1,1,1-Trichloroethane	**0.71**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-34-3	1,1-Dichloroethane	**0.34**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS

Sample Information

Client Sample ID: WQ110512:1040NP2-6 **York Sample ID:** 12K0152-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:40 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 05:30	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
67-66-3	Chloroform	**0.25**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
127-18-4	Tetrachloroethylene	**0.70**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
79-01-6	Trichloroethylene	**0.11**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 05:30	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ110512:1040NP2-6 **York Sample ID:** 12K0152-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:40 am	11/07/2012

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	**0.0601**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/08/2012 12:31	11/08/2012 20:42	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	**0.823**		mg/L	0.0100	0.0200	1	EPA 200.7	11/08/2012 12:31	11/08/2012 20:47	MW

Sample Information

Client Sample ID: WQ110512:1045NP2-7 **York Sample ID:** 12K0152-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:45 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS

Sample Information

Client Sample ID: WQ110512:1045NP2-7 **York Sample ID:** 12K0152-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:45 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
67-64-1	Acetone	**1.7**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS

Sample Information

Client Sample ID: WQ110512:1045NP2-7 **York Sample ID:** 12K0152-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0152	Rowe Industries	Water	November 5, 2012 10:45 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0490**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/08/2012 12:31	11/08/2012 20:52	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	**0.611**		mg/L	0.0100	0.0200	1	EPA 200.7	11/08/2012 12:31	11/08/2012 20:58	MW

Sample Information

Client Sample ID: WQ110512:1050NP2-10 **York Sample ID:** 12K0154-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0154	Rowe Industries	Water	November 5, 2012 10:50 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS

Sample Information

Client Sample ID: WQ110512:1050NP2-10 **York Sample ID:** 12K0154-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0154	Rowe Industries	Water	November 5, 2012 10:50 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS

Sample Information

Client Sample ID: WQ110512:1050NP2-10 **York Sample ID:** 12K0154-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0154	Rowe Industries	Water	November 5, 2012 10:50 am	11/07/2012

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	11/14/2012 12:20	11/15/2012 06:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/14/2012 12:20	11/15/2012 06:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: WQ110512:1050NP2-10 **York Sample ID:** 12K0154-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0154	Rowe Industries	Water	November 5, 2012 10:50 am	11/07/2012

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	**0.0478**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/12/2012 09:00	11/12/2012 11:29	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	**1.82**		mg/L	0.0100	0.0200	1	EPA 200.7	11/12/2012 09:00	11/12/2012 11:48	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	11/09/2012 09:12	11/09/2012 09:12	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20309 **Preparation Method:** EPA 3010A **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12K0152-01	WQ110512:1040NP2-6	11/08/12
12K0152-01	WQ110512:1040NP2-6	11/08/12
12K0152-02	WQ110512:1045NP2-7	11/08/12
12K0152-02	WQ110512:1045NP2-7	11/08/12
BK20309-BLK1	Blank	11/08/12
BK20309-SRM1	Reference	11/08/12

Batch ID: BK20312 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12K0154-01	WQ110512:1050NP2-10	11/09/12
BK20312-BLK1	Blank	11/09/12
BK20312-DUP1	Duplicate	11/09/12

Batch ID: BK20394 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12K0154-01	WQ110512:1050NP2-10	11/12/12
12K0154-01	WQ110512:1050NP2-10	11/12/12
BK20394-BLK1	Blank	11/12/12
BK20394-BLK1	Blank	11/12/12
BK20394-SRM1	Reference	11/12/12
BK20394-SRM1	Reference	11/12/12

Batch ID: BK20564 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
12K0152-01	WQ110512:1040NP2-6	11/14/12
12K0152-02	WQ110512:1045NP2-7	11/14/12
12K0154-01	WQ110512:1050NP2-10	11/14/12
BK20564-BLK1	Blank	11/14/12
BK20564-BS1	LCS	11/14/12
BK20564-BSD1	LCS Dup	11/14/12

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 BK20564 - EPA 5030B											
Blank (BK20564-BLK1)											Prepared: 11/14/2012 Analyzed: 11/15/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.35	2.0	"								
Naphthalene	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 BK20564 - EPA 5030B											
Blank (BK20564-BLK1)											Prepared: 11/14/2012 Analyzed: 11/15/2012
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	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.38*		*"*	*10.0*		*93.8*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
LCS (BK20564-BS1)											Prepared: 11/14/2012 Analyzed: 11/15/2012
1,1,1,2-Tetrachloroethane	9.41		ug/L	10.0		94.1	82.3-130				
1,1,1-Trichloroethane	11.0		"	10.0		110	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)	11.4		"	10.0		114	71.1-129				
1,1,2-Trichloroethane	9.85		"	10.0		98.5	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	9.90		"	10.0		99.0	75-136				
1,2,3-Trichlorobenzene	8.51		"	10.0		85.1	66.1-136				
1,2,3-Trichloropropane	9.51		"	10.0		95.1	63-131				
1,2,4-Trichlorobenzene	8.57		"	10.0		85.7	70.6-136				
1,2,4-Trimethylbenzene	9.52		"	10.0		95.2	75.3-135				
1,2-Dibromo-3-chloropropane	9.44		"	10.0		94.4	58.9-140				
1,2-Dibromoethane	9.96		"	10.0		99.6	79-130				
1,2-Dichlorobenzene	9.51		"	10.0		95.1	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70.6-127				
1,3-Dichlorobenzene	9.41		"	10.0		94.1	77-124				
1,3-Dichloropropane	9.88		"	10.0		98.8	75.8-126				
1,4-Dichlorobenzene	9.38		"	10.0		93.8	76.6-125				
2,2-Dichloropropane	8.89		"	10.0		88.9	69-133				
2-Chlorotoluene	9.90		"	10.0		99.0	66.3-119				
2-Hexanone	9.55		"	10.0		95.5	70-130				
4-Chlorotoluene	10.3		"	10.0		103	69.2-127				
Acetone	7.83		"	10.0		78.3	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.78		"	10.0		97.8	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	8.47		"	10.0		84.7	70.5-141				
Bromomethane	10.4		"	10.0		104	43.9-147				
Carbon tetrachloride	10.8		"	10.0		108	78.1-138				
Chlorobenzene	9.90		"	10.0		99.0	80.4-125				
Chloroethane	10.8		"	10.0		108	55.8-140				
Chloroform	10.5		"	10.0		105	76.6-133				
Chloromethane	10.7		"	10.0		107	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	9.27		"	10.0		92.7	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 BK20564 - EPA 5030B											
LCS (BK20564-BS1)								Prepared: 11/14/2012 Analyzed: 11/15/2012			
Dibromochloromethane	10.0		ug/L	10.0		100	79.8-134				
Dibromomethane	9.87		"	10.0		98.7	79-130				
Dichlorodifluoromethane	11.0		"	10.0		110	47.1-101	High Bias			
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	7.68		"	10.0		76.8	64.8-128				
Isopropylbenzene	10.2		"	10.0		102	75.5-135				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	65.1-140				
Methylene chloride	8.81		"	10.0		88.1	61.3-120				
Naphthalene	9.48		"	10.0		94.8	62.3-148				
n-Butylbenzene	9.77		"	10.0		97.7	67.2-123				
n-Propylbenzene	10.2		"	10.0		102	70.5-127				
o-Xylene	9.87		"	10.0		98.7	75.9-122				
p- & m- Xylenes	20.1		"	20.0		100	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.90		"	10.0		99.0	77.8-123				
tert-Butylbenzene	9.49		"	10.0		94.9	75.9-151				
Tetrachloroethylene	8.65		"	10.0		86.5	63.6-167				
Toluene	9.54		"	10.0		95.4	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133				
Vinyl Chloride	11.2		"	10.0		112	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.79*		*"*	*10.0*		*97.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.21*		*"*	*10.0*		*92.1*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20564 - EPA 5030B											
LCS Dup (BK20564-BSD1)									Prepared: 11/14/2012 Analyzed: 11/15/2012		
1,1,1,2-Tetrachloroethane	9.76		ug/L	10.0		97.6	82.3-130		3.65	21.1	
1,1,1-Trichloroethane	11.6		"	10.0		116	75.6-137		4.96	19.7	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131		0.790	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5		"	10.0		125	71.1-129		9.28	21.7	
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129		6.77	20.3	
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132		2.77	20.6	
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146		4.06	20	
1,1-Dichloropropylene	10.4		"	10.0		104	75-136		4.54	19.3	
1,2,3-Trichlorobenzene	8.80		"	10.0		88.0	66.1-136		3.35	21.6	
1,2,3-Trichloropropane	9.80		"	10.0		98.0	63-131		3.00	23.9	
1,2,4-Trichlorobenzene	8.67		"	10.0		86.7	70.6-136		1.16	21.7	
1,2,4-Trimethylbenzene	8.71		"	10.0		87.1	75.3-135		8.89	18.8	
1,2-Dibromo-3-chloropropane	9.27		"	10.0		92.7	58.9-140		1.82	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		3.55	23	
1,2-Dichlorobenzene	9.70		"	10.0		97.0	76.1-122		1.98	19.8	
1,2-Dichloroethane	11.1		"	10.0		111	74.6-132		3.68	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		3.17	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		1.38	18.9	
1,3-Dichlorobenzene	9.83		"	10.0		98.3	77-124		4.37	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		1.81	22.1	
1,4-Dichlorobenzene	9.66		"	10.0		96.6	76.6-125		2.94	18.6	
2,2-Dichloropropane	9.49		"	10.0		94.9	69-133		6.53	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		3.86	21.6	
2-Hexanone	9.57		"	10.0		95.7	70-130		0.209	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		1.92	19	
Acetone	6.74		"	10.0		67.4	70-130	Low Bias	15.0	30	
Benzene	10.9		"	10.0		109	76.2-129		5.09	19	
Bromobenzene	10.1		"	10.0		101	71.3-123		3.42	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		3.33	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		3.11	21	
Bromoform	8.74		"	10.0		87.4	70.5-141		3.14	21.8	
Bromomethane	8.53		"	10.0		85.3	43.9-147		19.6	28.4	
Carbon tetrachloride	11.5		"	10.0		115	78.1-138		6.27	20.1	
Chlorobenzene	10.4		"	10.0		104	80.4-125		4.73	19.9	
Chloroethane	11.7		"	10.0		117	55.8-140		8.25	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		4.91	20.3	
Chloromethane	11.7		"	10.0		117	48.8-115	High Bias	8.81	24.5	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	75.1-128		5.40	20.5	
cis-1,3-Dichloropropylene	9.64		"	10.0		96.4	74.5-128		3.91	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		2.27	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		3.29	22.4	
Dichlorodifluoromethane	11.8		"	10.0		118	47.1-101	High Bias	6.99	23.9	
Ethyl Benzene	11.0		"	10.0		110	80.8-128		6.21	19.2	
Hexachlorobutadiene	8.54		"	10.0		85.4	64.8-128		10.6	20.6	
Isopropylbenzene	10.9		"	10.0		109	75.5-135		7.11	20	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140		0.191	23.6	
Methylene chloride	9.01		"	10.0		90.1	61.3-120		2.24	20.4	
Naphthalene	8.34		"	10.0		83.4	62.3-148		12.8	27.1	
n-Butylbenzene	10.3		"	10.0		103	67.2-123		5.18	19.1	
n-Propylbenzene	10.7		"	10.0		107	70.5-127		4.77	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		5.04	19.3	
p- & m- Xylenes	20.8		"	20.0		104	77.7-127		3.76	18.6	
p-Isopropyltoluene	10.4		"	10.0		104	75.6-129		3.02	19.1	
sec-Butylbenzene	11.0		"	10.0		110	71.5-125		5.80	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 BK20564 - EPA 5030B											
LCS Dup (BK20564-BSD1)									Prepared: 11/14/2012 Analyzed: 11/15/2012		
Styrene	8.36		ug/L	10.0		83.6	77.8-123		16.9	20.9	
tert-Butylbenzene	9.74		"	10.0		97.4	75.9-151		2.60	20.9	
Tetrachloroethylene	9.08		"	10.0		90.8	63.6-167		4.85	27.7	
Toluene	10.1		"	10.0		101	77-123		5.80	18.7	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	76.3-139		5.21	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		1.28	19.3	
Trichloroethylene	10.6		"	10.0		106	77.9-130		5.25	20.5	
Trichlorofluoromethane	12.0		"	10.0		120	57.4-133		15.3	21.4	
Vinyl Chloride	11.7		"	10.0		117	54.9-124		4.72	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.21*		*"*	*10.0*		*92.1*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20394 - EPA 3010A											
Blank (BK20394-BLK1)									Prepared & Analyzed: 11/12/2012		
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BK20394-SRM1)									Prepared & Analyzed: 11/12/2012		
Iron - Dissolved	0.244	0.0200	mg/L	0.274		89.0	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 BK20309 - EPA 3010A											
Blank (BK20309-BLK1)								Prepared & Analyzed: 11/08/2012			
Iron	ND	0.0200	mg/L								
Reference (BK20309-SRM1)								Prepared & Analyzed: 11/08/2012			
Iron	0.226	0.0200	mg/L	0.274		82.5	86.9-115	Low Bias			
Batch BK20394 - EPA 3010A											
Blank (BK20394-BLK1)								Prepared & Analyzed: 11/12/2012			
Iron	ND	0.0200	mg/L								
Reference (BK20394-SRM1)								Prepared & Analyzed: 11/12/2012			
Iron	0.244	0.0200	mg/L	0.274		89.0	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 BK20312 - % Solids Prep											
Blank (BK20312-BLK1)								Prepared & Analyzed: 11/09/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BK20312-DUP1)	*Source sample: 12K0154-01 (WQ110512:1050NP2-10)							Prepared & Analyzed: 11/09/2012			
Total Dissolved Solids	115	1.00	mg/L		107				7.21	15	

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0152-01	WQ110512:1040NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0152-02	WQ110512:1045NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0154-01	WQ110512:1050NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12K0152

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package NP2-10 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 Me/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-Residue	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Ha Waste Focus	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ110512:1040NP2-6	11/5/12 1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2x 2P
WQ110512:1045NP2-7	1045	GW	↓	2x 2P
WQ110512:1050NP2-10	1050	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)	2x 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 (Fridge) 11/7/12 10⁰⁰ Date/Time
Samples Relinquished By ___ Date/Time

Samples Received By 11-7-12 10 00 Date/Time
Samples Received in LAB by 11/7/12-1300 Date/Time

Temperature on Receipt 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12K0154

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

YOUR Project ID: Rowe Industries.

Purchase Order No.: HABSAG.

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 Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ1105 12:1040 NP2-6	11/5/12 1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2V 2P
WQ1105 12:1045 NP2-7	1045	GW	↓	2V 2P
WQ1105 12:1050 NP2-10	1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus freon 113 / TOS (SM 2540c)	2V 3P

Comments

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

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

Samples Relinquished By (Fridge) 11/7/12 1000 Date/Time
Samples Relinquished By ___ Date/Time

Samples Received By Chris 11-7-12 10 00 Date/Time
Samples Received in LAB by J. [illegible] 11/7/12-1300 Date/Time

Temperature on Receipt 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 11/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0475

Report Date: 11/26/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0475

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 15, 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.

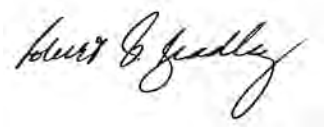
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
12K0475-01	WQ111212:1020NP2-6	Water	11/12/2012	11/15/2012
12K0475-02	WQ111212:1025NP2-7	Water	11/12/2012	11/15/2012
12K0476-01	WQ111212:1030NP2-10	Water	11/12/2012	11/15/2012

General Notes for York Project (SDG) No.: 12K0475

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: 11/26/2012

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ111212:1020NP2-6 **York Sample ID:** 12K0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:20 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 09:34	SS
71-55-6	1,1,1-Trichloroethane	**0.50**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-34-3	1,1-Dichloroethane	**0.24**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
67-64-1	Acetone	**1.4**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS

Sample Information

Client Sample ID: WQ111212:1020NP2-6 **York Sample ID:** 12K0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:20 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 09:34	SS
67-66-3	Chloroform	**0.21**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
127-18-4	Tetrachloroethylene	**0.69**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 09:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*85.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ111212:1020NP2-6 **York Sample ID:** 12K0475-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:20 am	11/15/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/16/2012 14:07	11/16/2012 16:21	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	**9.83**		mg/L	0.0100	0.0200	1	EPA 200.7	11/16/2012 14:07	11/16/2012 16:27	MW

Sample Information

Client Sample ID: WQ111212:1025NP2-7 **York Sample ID:** 12K0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:25 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS

Sample Information

Client Sample ID: WQ111212:1025NP2-7 **York Sample ID:** 12K0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:25 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
67-64-1	Acetone	**1.7**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS

Sample Information

Client Sample ID: WQ111212:1025NP2-7 **York Sample ID:** 12K0475-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0475	Rowe Industries	Water	November 12, 2012 10:25 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/16/2012 14:07	11/16/2012 16:32	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	**12.2**		mg/L	0.0100	0.0200	1	EPA 200.7	11/16/2012 14:07	11/16/2012 16:37	MW

Sample Information

Client Sample ID: WQ111212:1030NP2-10 **York Sample ID:** 12K0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0476	Rowe Industries	Water	November 12, 2012 10:30 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS

Sample Information

Client Sample ID: WQ111212:1030NP2-10 **York Sample ID:** 12K0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0476	Rowe Industries	Water	November 12, 2012 10:30 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
67-64-1	Acetone	**1.9**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS

Sample Information

Client Sample ID: WQ111212:1030NP2-10 **York Sample ID:** 12K0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0476	Rowe Industries	Water	November 12, 2012 10:30 am	11/15/2012

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	11/19/2012 15:32	11/20/2012 10:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/19/2012 15:32	11/20/2012 10:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ111212:1030NP2-10 **York Sample ID:** 12K0476-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0476	Rowe Industries	Water	November 12, 2012 10:30 am	11/15/2012

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	**0.0244**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/16/2012 14:07	11/16/2012 16:43	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	**18.9**		mg/L	0.0100	0.0200	1	EPA 200.7	11/16/2012 14:07	11/16/2012 17:16	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	**103**		mg/L	1.00	1.00	1	SM 2540C	11/19/2012 08:25	11/20/2012 08:25	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20676 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12K0475-01	WQ111212:1020NP2-6	11/16/12
12K0475-01	WQ111212:1020NP2-6	11/16/12
12K0475-02	WQ111212:1025NP2-7	11/16/12
12K0475-02	WQ111212:1025NP2-7	11/16/12
12K0476-01	WQ111212:1030NP2-10	11/16/12
12K0476-01	WQ111212:1030NP2-10	11/16/12
BK20676-BLK1	Blank	11/16/12
BK20676-BLK1	Blank	11/16/12
BK20676-DUP1	Duplicate	11/16/12
BK20676-DUP1	Duplicate	11/16/12
BK20676-MS1	Matrix Spike	11/16/12
BK20676-MS1	Matrix Spike	11/16/12
BK20676-SRM1	Reference	11/16/12
BK20676-SRM1	Reference	11/16/12

Batch ID: BK20682 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12K0476-01	WQ111212:1030NP2-10	11/19/12
BK20682-BLK1	Blank	11/19/12
BK20682-DUP1	Duplicate	11/19/12

Batch ID: BK20727 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0475-01	WQ111212:1020NP2-6	11/19/12
12K0475-02	WQ111212:1025NP2-7	11/19/12
12K0476-01	WQ111212:1030NP2-10	11/19/12
BK20727-BLK1	Blank	11/19/12
BK20727-BS1	LCS	11/19/12
BK20727-BSD1	LCS Dup	11/19/12

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 BK20727 - EPA 5030B											
Blank (BK20727-BLK1)											Prepared: 11/19/2012 Analyzed: 11/20/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.3	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	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 BK20727 - EPA 5030B											
Blank (BK20727-BLK1)											Prepared: 11/19/2012 Analyzed: 11/20/2012
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99.0*	*81.2-127*				
LCS (BK20727-BS1)											Prepared: 11/19/2012 Analyzed: 11/20/2012
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82.3-130				
1,1,1-Trichloroethane	9.11		"	10.0		91.1	75.6-137				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.81		"	10.0		98.1	71.1-129				
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129				
1,1-Dichloroethane	9.88		"	10.0		98.8	79.6-132				
1,1-Dichloroethylene	9.72		"	10.0		97.2	80.2-146				
1,1-Dichloropropylene	8.92		"	10.0		89.2	75-136				
1,2,3-Trichlorobenzene	9.01		"	10.0		90.1	66.1-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	63-131				
1,2,4-Trichlorobenzene	9.21		"	10.0		92.1	70.6-136				
1,2,4-Trimethylbenzene	9.84		"	10.0		98.4	75.3-135				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140				
1,2-Dibromoethane	10.0		"	10.0		100	79-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122				
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132				
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	9.81		"	10.0		98.1	77-124				
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126				
1,4-Dichlorobenzene	9.82		"	10.0		98.2	76.6-125				
2,2-Dichloropropane	7.83		"	10.0		78.3	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	10.7		"	10.0		107	70-130				
4-Chlorotoluene	10.5		"	10.0		105	69.2-127				
Acetone	8.99		"	10.0		89.9	70-130				
Benzene	9.90		"	10.0		99.0	76.2-129				
Bromobenzene	9.93		"	10.0		99.3	71.3-123				
Bromochloromethane	10.0		"	10.0		100	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	4.43		"	10.0		44.3	43.9-147				
Carbon tetrachloride	9.09		"	10.0		90.9	78.1-138				
Chlorobenzene	9.95		"	10.0		99.5	80.4-125				
Chloroethane	8.93		"	10.0		89.3	55.8-140				
Chloroform	9.49		"	10.0		94.9	76.6-133				
Chloromethane	10.4		"	10.0		104	48.8-115				
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	75.1-128				
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	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 BK20727 - EPA 5030B											
LCS (BK20727-BS1)									Prepared: 11/19/2012 Analyzed: 11/20/2012		
Dibromochloromethane	10.2		ug/L	10.0		102	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	6.09		"	10.0		60.9	47.1-101				
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	8.81		"	10.0		88.1	64.8-128				
Isopropylbenzene	10.5		"	10.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	9.79		"	10.0		97.9	65.1-140				
Methylene chloride	9.32		"	10.0		93.2	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	10.8		"	10.0		108	70.5-127				
o-Xylene	9.92		"	10.0		99.2	75.9-122				
p- & m- Xylenes	20.3		"	20.0		101	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	9.49		"	10.0		94.9	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	8.56		"	10.0		85.6	63.6-167				
Toluene	9.99		"	10.0		99.9	77-123				
trans-1,2-Dichloroethylene	9.53		"	10.0		95.3	76.3-139				
trans-1,3-Dichloropropylene	9.55		"	10.0		95.5	72.5-137				
Trichloroethylene	9.96		"	10.0		99.6	77.9-130				
Trichlorofluoromethane	8.33		"	10.0		83.3	57.4-133				
Vinyl Chloride	10.0		"	10.0		100	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.36*		*"*	*10.0*		*93.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*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 BK20727 - EPA 5030B											
LCS Dup (BK20727-BSD1)									Prepared: 11/19/2012 Analyzed: 11/20/2012		
1,1,1,2-Tetrachloroethane	9.47		ug/L	10.0		94.7	82.3-130		0.736	21.1	
1,1,1-Trichloroethane	9.08		"	10.0		90.8	75.6-137		0.330	19.7	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	71.3-131		1.52	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79		"	10.0		97.9	71.1-129		0.204	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		0.0963	20.3	
1,1-Dichloroethane	10.2		"	10.0		102	79.6-132		3.09	20.6	
1,1-Dichloroethylene	9.39		"	10.0		93.9	80.2-146		3.45	20	
1,1-Dichloropropylene	8.97		"	10.0		89.7	75-136		0.559	19.3	
1,2,3-Trichlorobenzene	9.10		"	10.0		91.0	66.1-136		0.994	21.6	
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131		0.662	23.9	
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	70.6-136		0.544	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135		2.81	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		1.84	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		1.78	23	
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122		1.09	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		0.801	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		1.83	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		0.00	18.9	
1,3-Dichlorobenzene	9.81		"	10.0		98.1	77-124		0.00	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		0.980	22.1	
1,4-Dichlorobenzene	9.62		"	10.0		96.2	76.6-125		2.06	18.6	
2,2-Dichloropropane	7.71		"	10.0		77.1	69-133		1.54	19.8	
2-Chlorotoluene	9.91		"	10.0		99.1	66.3-119		6.54	21.6	
2-Hexanone	10.7		"	10.0		107	70-130		0.0932	30	
4-Chlorotoluene	10.6		"	10.0		106	69.2-127		0.285	19	
Acetone	11.0		"	10.0		110	70-130		19.9	30	
Benzene	9.73		"	10.0		97.3	76.2-129		1.73	19	
Bromobenzene	9.72		"	10.0		97.2	71.3-123		2.14	20.3	
Bromochloromethane	9.96		"	10.0		99.6	70.8-137		0.700	23.9	
Bromodichloromethane	10.1		"	10.0		101	79.7-134		3.11	21	
Bromoform	9.77		"	10.0		97.7	70.5-141		2.92	21.8	
Bromomethane	10.6		"	10.0		106	43.9-147		81.9	28.4	Non-dir.
Carbon tetrachloride	8.91		"	10.0		89.1	78.1-138		2.00	20.1	
Chlorobenzene	9.78		"	10.0		97.8	80.4-125		1.72	19.9	
Chloroethane	8.96		"	10.0		89.6	55.8-140		0.335	23.3	
Chloroform	9.63		"	10.0		96.3	76.6-133		1.46	20.3	
Chloromethane	10.3		"	10.0		103	48.8-115		1.06	24.5	
cis-1,2-Dichloroethylene	9.55		"	10.0		95.5	75.1-128		1.26	20.5	
cis-1,3-Dichloropropylene	8.82		"	10.0		88.2	74.5-128		2.57	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		0.784	21.3	
Dibromomethane	9.99		"	10.0		99.9	79-130		1.29	22.4	
Dichlorodifluoromethane	6.03		"	10.0		60.3	47.1-101		0.990	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		1.86	19.2	
Hexachlorobutadiene	8.50		"	10.0		85.0	64.8-128		3.58	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		3.19	20	
Methyl tert-butyl ether (MTBE)	9.99		"	10.0		99.9	65.1-140		2.02	23.6	
Methylene chloride	9.48		"	10.0		94.8	61.3-120		1.70	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		5.06	27.1	
n-Butylbenzene	9.92		"	10.0		99.2	67.2-123		2.59	19.1	
n-Propylbenzene	10.5		"	10.0		105	70.5-127		3.47	23.4	
o-Xylene	9.79		"	10.0		97.9	75.9-122		1.32	19.3	
p- & m- Xylenes	20.5		"	20.0		103	77.7-127		1.27	18.6	
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129		1.66	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		2.78	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 BK20727 - EPA 5030B											
LCS Dup (BK20727-BSD1)								Prepared: 11/19/2012 Analyzed: 11/20/2012			
Styrene	10.0		ug/L	10.0		100	77.8-123		5.43	20.9	
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		2.29	20.9	
Tetrachloroethylene	8.24		"	10.0		82.4	63.6-167		3.81	27.7	
Toluene	9.71		"	10.0		97.1	77-123		2.84	18.7	
trans-1,2-Dichloroethylene	9.56		"	10.0		95.6	76.3-139		0.314	19.5	
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	72.5-137		1.90	19.3	
Trichloroethylene	9.47		"	10.0		94.7	77.9-130		5.04	20.5	
Trichlorofluoromethane	8.16		"	10.0		81.6	57.4-133		2.06	21.4	
Vinyl Chloride	9.93		"	10.0		99.3	54.9-124		1.10	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.45*		*"*	*10.0*		*94.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*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 BK20676 - EPA 3010A											
Blank (BK20676-BLK1)								Prepared & Analyzed: 11/16/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BK20676-DUP1)	*Source sample: 12K0476-01 (WQ111212:1030NP2-10)							Prepared & Analyzed: 11/16/2012			
Iron - Dissolved	0.0171	0.0200	mg/L		0.0244				35.1	20	Non-dir.
Matrix Spike (BK20676-MS1)	*Source sample: 12K0476-01 (WQ111212:1030NP2-10)							Prepared & Analyzed: 11/16/2012			
Iron - Dissolved	1.04	0.0200	mg/L	1.00	0.0244	101	75-125				
Reference (BK20676-SRM1)								Prepared & Analyzed: 11/16/2012			
Iron - Dissolved	0.433	0.0200	mg/L	0.462		93.7	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20676 - EPA 3010A											
Blank (BK20676-BLK1)								Prepared & Analyzed: 11/16/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BK20676-DUP1)	*Source sample: 12K0476-01 (WQ111212:1030NP2-10)							Prepared & Analyzed: 11/16/2012			
Iron	19.1	0.0200	mg/L		18.9				1.18	20	
Matrix Spike (BK20676-MS1)	*Source sample: 12K0476-01 (WQ111212:1030NP2-10)							Prepared & Analyzed: 11/16/2012			
Iron	20.2	0.0200	mg/L	1.00	18.9	134	75-125	High Bias			
Reference (BK20676-SRM1)								Prepared & Analyzed: 11/16/2012			
Iron	0.433	0.0200	mg/L	0.462		93.7	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20682 - % Solids Prep											
Blank (BK20682-BLK1)									Prepared: 11/19/2012 Analyzed: 11/20/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BK20682-DUP1)	*Source sample: 12K0476-01 (WQ111212:1030NP2-10)								Prepared: 11/19/2012 Analyzed: 11/20/2012		
Total Dissolved Solids	97.0	1.00	mg/L		103				6.00	15	

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0475-01	WQ111212:1020NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0475-02	WQ111212:1025NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0476-01	WQ111212:1030NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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.

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0475

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr. Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓	**Purchase Order No.**	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	HABSA6.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address	E-Mail Address	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	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 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	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)
WQ111212:1020NP2-6	11/12/12	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
WQ111212:1025NP2-7	↓	1025	GW	↓	2V 2P
WQ111212:1030NP2-10	↓	1030	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$_2$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]	11/15/12 1126	[signature] TC	11/15/12 1326
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	11/15/12-1510

Temperature on Receipt: 4.2 °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. 12K0476

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from: CT ___ NY X NJ ___

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

Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
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)

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	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	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ111212:1020NP2-6	11/12/12 1020	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2x 2P
WQ111212:1025NP2-7	1025	GW	↓	2x 2P
WQ111212:1030NP2-10	1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus freon 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: 11/15/12 1126
Samples Received By — Date/Time: 11/15/12 1326
Samples Relinquished By — Date/Time:
Samples Received in LAB by — Date/Time: 11/15/12 1510

Temperature on Receipt: 4.2 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 12/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0639

Report Date: 12/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0639

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 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
12K0639-01	WQ111912:1030NP2-6	Water	11/19/2012	11/21/2012
12K0639-02	WQ111912:1035NP2-7	Water	11/19/2012	11/21/2012
12K0640-01	WQ111912:1040NP2-10	Water	11/19/2012	11/21/2012

General Notes for York Project (SDG) No.: 12K0639

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

Approved By: 

Date: 12/04/2012

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ111912:1030NP2-6 **York Sample ID:** 12K0639-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:30 am	11/21/2012

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	11/30/2012 10:49	11/30/2012 17:21	SS
71-55-6	1,1,1-Trichloroethane	**0.77**		ug/L	0.024	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-34-3	1,1-Dichloroethane	**0.40**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
87-61-6	1,2,3-Trichlorobenzene	**0.35**	VOA-CO, J	ug/L	0.12	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
120-82-1	1,2,4-Trichlorobenzene	**0.26**	VOA-CO, J	ug/L	0.11	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
95-63-6	1,2,4-Trimethylbenzene	**0.13**	VOA-CO, J	ug/L	0.068	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
95-50-1	1,2-Dichlorobenzene	**0.17**	VOA-CO, J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
108-67-8	1,3,5-Trimethylbenzene	**0.11**	VOA-CO, J	ug/L	0.059	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
541-73-1	1,3-Dichlorobenzene	**0.15**	VOA-CO, J	ug/L	0.048	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
106-46-7	1,4-Dichlorobenzene	**0.16**	VOA-CO, J	ug/L	0.048	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
95-49-8	2-Chlorotoluene	**0.10**	VOA-CO, J	ug/L	0.084	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
106-43-4	4-Chlorotoluene	**0.11**	VOA-CO, J	ug/L	0.072	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS

Sample Information

Client Sample ID: WQ111912:1030NP2-6 **York Sample ID:** 12K0639-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:30 am	11/21/2012

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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
67-66-3	Chloroform	**0.31**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
87-68-3	Hexachlorobutadiene	**0.29**	VOA-CO, J	ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
98-82-8	Isopropylbenzene	**0.12**	VOA-CO, J	ug/L	0.056	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
91-20-3	Naphthalene	**0.62**	VOA-CO, J	ug/L	0.090	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
104-51-8	n-Butylbenzene	**0.23**	VOA-CO, J	ug/L	0.083	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
103-65-1	n-Propylbenzene	**0.13**	VOA-CO, J	ug/L	0.068	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
1330-20-7P/M	p- & m- Xylenes	**0.11**	VOA-CO, J	ug/L	0.090	1.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
99-87-6	p-Isopropyltoluene	**0.18**	VOA-CO, J	ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
135-98-8	sec-Butylbenzene	**0.20**	VOA-CO, J	ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
98-06-6	tert-Butylbenzene	**0.12**	VOA-CO, J	ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
127-18-4	Tetrachloroethylene	**0.79**		ug/L	0.070	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
79-01-6	Trichloroethylene	**0.14**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS

Sample Information

Client Sample ID: WQ111912:1030NP2-6 **York Sample ID:** 12K0639-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:30 am	11/21/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS
1330-20-7	Xylenes, Total	ND	VOA-CO	ug/L	0.12	1.5	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/27/2012 16:03	11/27/2012 17:48	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	**0.801**		mg/L	0.0100	0.0200	1	EPA 200.7	11/27/2012 16:03	11/27/2012 17:53	MW

Sample Information

Client Sample ID: WQ111912:1035NP2-7 **York Sample ID:** 12K0639-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:35 am	11/21/2012

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	11/30/2012 10:49	11/30/2012 17:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS

Sample Information

Client Sample ID: WQ111912:1035NP2-7 **York Sample ID:** 12K0639-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:35 am	11/21/2012

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
87-68-3	Hexachlorobutadiene	ND	VOA-CO	ug/L	0.12	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS

Sample Information

Client Sample ID: WQ111912:1035NP2-7 **York Sample ID:** 12K0639-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:35 am	11/21/2012

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
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
91-20-3	Naphthalene	**0.13**	J	ug/L	0.090	2.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/30/2012 10:49	11/30/2012 17:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*129 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*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	**0.0241**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/27/2012 16:03	11/27/2012 17:57	MW

Sample Information

Client Sample ID: WQ111912:1035NP2-7 **York Sample ID:** 12K0639-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0639	Rowe Industries	Water	November 19, 2012 10:35 am	11/21/2012

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	**0.331**		mg/L	0.0100	0.0200	1	EPA 200.7	11/27/2012 16:03	11/27/2012 18:02	MW

Sample Information

Client Sample ID: WQ111912:1040NP2-10 **York Sample ID:** 12K0640-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0640	Rowe Industries	Water	November 19, 2012 10:40 am	11/21/2012

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	11/29/2012 12:49	11/29/2012 22:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS

Sample Information

Client Sample ID: WQ111912:1040NP2-10 **York Sample ID:** 12K0640-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0640	Rowe Industries	Water	November 19, 2012 10:40 am	11/21/2012

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
67-64-1	Acetone	**0.98**	J	ug/L	0.90	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
91-20-3	Naphthalene	**0.12**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS

Sample Information

Client Sample ID: WQ111912:1040NP2-10 **York Sample ID:** 12K0640-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0640	Rowe Industries	Water	November 19, 2012 10:40 am	11/21/2012

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	11/29/2012 12:49	11/29/2012 22:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*81.2-127*

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0523**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/27/2012 16:03	11/27/2012 18:07	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	**1.36**		mg/L	0.0100	0.0200	1	EPA 200.7	11/27/2012 16:03	11/27/2012 18:36	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	11/26/2012 09:43	11/27/2012 09:43	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK20902 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12K0640-01	WQ111912:1040NP2-10	11/26/12
BK20902-BLK1	Blank	11/26/12

Batch ID: BK20979 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12K0639-01	WQ111912:1030NP2-6	11/27/12
12K0639-01	WQ111912:1030NP2-6	11/27/12
12K0639-02	WQ111912:1035NP2-7	11/27/12
12K0639-02	WQ111912:1035NP2-7	11/27/12
12K0640-01	WQ111912:1040NP2-10	11/27/12
12K0640-01	WQ111912:1040NP2-10	11/27/12
BK20979-BLK1	Blank	11/27/12
BK20979-BLK1	Blank	11/27/12
BK20979-DUP1	Duplicate	11/27/12
BK20979-DUP1	Duplicate	11/27/12
BK20979-MS1	Matrix Spike	11/27/12
BK20979-MS1	Matrix Spike	11/27/12
BK20979-SRM1	Reference	11/27/12
BK20979-SRM1	Reference	11/27/12

Batch ID: BK21074 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0640-01	WQ111912:1040NP2-10	11/29/12
BK21074-BLK1	Blank	11/29/12
BK21074-BS1	LCS	11/29/12
BK21074-BSD1	LCS Dup	11/29/12

Batch ID: BK21124 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0639-01	WQ111912:1030NP2-6	11/30/12
12K0639-02	WQ111912:1035NP2-7	11/30/12
BK21124-BLK1	Blank	11/30/12
BK21124-BS1	LCS	11/30/12
BK21124-BSD1	LCS Dup	11/30/12

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 BK21074 - EPA 5030B											
Blank (BK21074-BLK1)											Prepared & Analyzed: 11/29/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	0.54	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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 BK21074 - EPA 5030B											
Blank (BK21074-BLK1)								Prepared & Analyzed: 11/29/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81.2-127*				
LCS (BK21074-BS1)								Prepared & Analyzed: 11/29/2012			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	11.8		"	10.0		118	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)	12.5		"	10.0		125	71.1-129				
1,1,2-Trichloroethane	9.95		"	10.0		99.5	74.5-129				
1,1-Dichloroethane	12.0		"	10.0		120	79.6-132				
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146				
1,1-Dichloropropylene	11.0		"	10.0		110	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	9.97		"	10.0		99.7	63-131				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	75.3-135				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140				
1,2-Dibromoethane	9.96		"	10.0		99.6	79-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122				
1,2-Dichloroethane	11.6		"	10.0		116	74.6-132				
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70.6-127				
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	11.7		"	10.0		117	69-133				
2-Chlorotoluene	11.0		"	10.0		110	66.3-119				
2-Hexanone	9.29		"	10.0		92.9	70-130				
4-Chlorotoluene	10.7		"	10.0		107	69.2-127				
Acetone	6.36		"	10.0		63.6	70-130	Low Bias			
Benzene	11.3		"	10.0		113	76.2-129				
Bromobenzene	10.8		"	10.0		108	71.3-123				
Bromochloromethane	11.2		"	10.0		112	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	10.2		"	10.0		102	70.5-141				
Bromomethane	11.0		"	10.0		110	43.9-147				
Carbon tetrachloride	12.2		"	10.0		122	78.1-138				
Chlorobenzene	10.5		"	10.0		105	80.4-125				
Chloroethane	10.7		"	10.0		107	55.8-140				
Chloroform	11.2		"	10.0		112	76.6-133				
Chloromethane	10.0		"	10.0		100	48.8-115				
cis-1,2-Dichloroethylene	11.4		"	10.0		114	75.1-128				
cis-1,3-Dichloropropylene	11.4		"	10.0		114	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 BK21074 - EPA 5030B											
LCS (BK21074-BS1)								Prepared & Analyzed: 11/29/2012			
Dibromochloromethane	10.4		ug/L	10.0		104	79.8-134				
Dibromomethane	10.1		"	10.0		101	79-130				
Dichlorodifluoromethane	10.7		"	10.0		107	47.1-101	High Bias			
Ethyl Benzene	11.4		"	10.0		114	80.8-128				
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128				
Isopropylbenzene	11.6		"	10.0		116	75.5-135				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140				
Methylene chloride	10.1		"	10.0		101	61.3-120				
Naphthalene	10.4		"	10.0		104	62.3-148				
n-Butylbenzene	11.1		"	10.0		111	67.2-123				
n-Propylbenzene	11.9		"	10.0		119	70.5-127				
o-Xylene	10.6		"	10.0		106	75.9-122				
p- & m- Xylenes	22.1		"	20.0		111	77.7-127				
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129				
sec-Butylbenzene	11.8		"	10.0		118	71.5-125				
Styrene	11.4		"	10.0		114	77.8-123				
tert-Butylbenzene	12.3		"	10.0		123	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	10.9		"	10.0		109	77-123				
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	72.5-137				
Trichloroethylene	10.7		"	10.0		107	77.9-130				
Trichlorofluoromethane	10.8		"	10.0		108	57.4-133				
Vinyl Chloride	10.6		"	10.0		106	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.5*		*"*	*10.0*		*115*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*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 BK21074 - EPA 5030B											
LCS Dup (BK21074-BSD1)								Prepared & Analyzed: 11/29/2012			
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82.3-130		6.66	21.1	
1,1,1-Trichloroethane	11.2		"	10.0		112	75.6-137		4.87	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		5.21	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	71.1-129		1.54	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		0.801	20.3	
1,1-Dichloroethane	12.1		"	10.0		121	79.6-132		0.912	20.6	
1,1-Dichloroethylene	12.0		"	10.0		120	80.2-146		0.833	20	
1,1-Dichloropropylene	11.1		"	10.0		111	75-136		0.903	19.3	
1,2,3-Trichlorobenzene	10.0		"	10.0		100	66.1-136		0.796	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		1.20	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		0.288	21.7	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	75.3-135		3.43	18.8	
1,2-Dibromo-3-chloropropane	9.95		"	10.0		99.5	58.9-140		3.75	27.7	
1,2-Dibromoethane	10.5		"	10.0		105	79-130		4.99	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		1.45	19.8	
1,2-Dichloroethane	11.8		"	10.0		118	74.6-132		1.37	20.2	
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129		0.0932	20.7	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70.6-127		0.367	18.9	
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124		4.08	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		3.53	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		2.75	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		11.4	19.8	
2-Chlorotoluene	10.7		"	10.0		107	66.3-119		2.12	21.6	
2-Hexanone	10.2		"	10.0		102	70-130		9.34	30	
4-Chlorotoluene	11.1		"	10.0		111	69.2-127		3.68	19	
Acetone	6.15		"	10.0		61.5	70-130	Low Bias	3.36	30	
Benzene	11.1		"	10.0		111	76.2-129		1.88	19	
Bromobenzene	10.9		"	10.0		109	71.3-123		0.554	20.3	
Bromochloromethane	11.7		"	10.0		117	70.8-137		4.62	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		0.00	21	
Bromoform	9.80		"	10.0		98.0	70.5-141		3.71	21.8	
Bromomethane	7.72		"	10.0		77.2	43.9-147		34.8	28.4	Non-dir.
Carbon tetrachloride	10.3		"	10.0		103	78.1-138		16.4	20.1	
Chlorobenzene	10.6		"	10.0		106	80.4-125		1.33	19.9	
Chloroethane	10.9		"	10.0		109	55.8-140		2.50	23.3	
Chloroform	11.0		"	10.0		110	76.6-133		1.89	20.3	
Chloromethane	8.18		"	10.0		81.8	48.8-115		20.4	24.5	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128		0.970	20.5	
cis-1,3-Dichloropropylene	11.0		"	10.0		110	74.5-128		3.59	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		1.17	21.3	
Dibromomethane	10.7		"	10.0		107	79-130		5.89	22.4	
Dichlorodifluoromethane	10.5		"	10.0		105	47.1-101	High Bias	1.51	23.9	
Ethyl Benzene	11.4		"	10.0		114	80.8-128		0.0877	19.2	
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128		8.28	20.6	
Isopropylbenzene	11.6		"	10.0		116	75.5-135		0.259	20	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140		2.37	23.6	
Methylene chloride	10.4		"	10.0		104	61.3-120		2.15	20.4	
Naphthalene	10.6		"	10.0		106	62.3-148		0.952	27.1	
n-Butylbenzene	10.9		"	10.0		109	67.2-123		1.90	19.1	
n-Propylbenzene	12.0		"	10.0		120	70.5-127		0.756	23.4	
o-Xylene	10.7		"	10.0		107	75.9-122		0.753	19.3	
p- & m- Xylenes	21.9		"	20.0		109	77.7-127		1.18	18.6	
p-Isopropyltoluene	11.2		"	10.0		112	75.6-129		2.29	19.1	
sec-Butylbenzene	11.6		"	10.0		116	71.5-125		1.79	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 BK21074 - EPA 5030B											
LCS Dup (BK21074-BSD1)							Prepared & Analyzed: 11/29/2012				
Styrene	10.7		ug/L	10.0		107	77.8-123		6.87	20.9	
tert-Butylbenzene	11.8		"	10.0		118	75.9-151		4.57	20.9	
Tetrachloroethylene	9.99		"	10.0		99.9	63.6-167		2.57	27.7	
Toluene	10.9		"	10.0		109	77-123		0.0917	18.7	
trans-1,2-Dichloroethylene	11.5		"	10.0		115	76.3-139		0.524	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		3.26	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		1.12	20.5	
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133		7.49	21.4	
Vinyl Chloride	9.04		"	10.0		90.4	54.9-124		15.5	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.6*		*"*	*10.0*		*116*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*81.2-127*				
Batch BK21124 - EPA 5030B											
Blank (BK21124-BLK1)							Prepared & Analyzed: 11/30/2012				
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 BK21124 - EPA 5030B											
Blank (BK21124-BLK1)									Prepared & Analyzed: 11/30/2012		
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	2.7	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.8*		*"*	*10.0*		*118*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*63.5-145*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*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 BK21124 - EPA 5030B											
LCS (BK21124-BS1)								Prepared & Analyzed: 11/30/2012			
1,1,1,2-Tetrachloroethane	9.84		ug/L	10.0		98.4	82.3-130				
1,1,1-Trichloroethane	11.3		"	10.0		113	75.6-137				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9		"	10.0		119	71.1-129				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129				
1,1-Dichloroethane	11.8		"	10.0		118	79.6-132				
1,1-Dichloroethylene	11.6		"	10.0		116	80.2-146				
1,1-Dichloropropylene	10.6		"	10.0		106	75-136				
1,2,3-Trichlorobenzene	9.00		"	10.0		90.0	66.1-136				
1,2,3-Trichloropropane	10.8		"	10.0		108	63-131				
1,2,4-Trichlorobenzene	9.27		"	10.0		92.7	70.6-136				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	58.9-140				
1,2-Dibromoethane	10.5		"	10.0		105	79-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	76.1-122				
1,2-Dichloroethane	12.7		"	10.0		127	74.6-132				
1,2-Dichloropropane	9.95		"	10.0		99.5	76.9-129				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127				
1,3-Dichlorobenzene	9.75		"	10.0		97.5	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	9.67		"	10.0		96.7	76.6-125				
2,2-Dichloropropane	11.3		"	10.0		113	69-133				
2-Chlorotoluene	9.65		"	10.0		96.5	66.3-119				
2-Hexanone	11.5		"	10.0		115	70-130				
4-Chlorotoluene	10.5		"	10.0		105	69.2-127				
Acetone	6.14		"	10.0		61.4	70-130	Low Bias			
Benzene	11.3		"	10.0		113	76.2-129				
Bromobenzene	9.33		"	10.0		93.3	71.3-123				
Bromochloromethane	11.9		"	10.0		119	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	10.6		"	10.0		106	70.5-141				
Bromomethane	14.9		"	10.0		149	43.9-147	High Bias			
Carbon tetrachloride	12.0		"	10.0		120	78.1-138				
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	9.24		"	10.0		92.4	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	12.8		"	10.0		128	48.8-115	High Bias			
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128				
Dibromochloromethane	10.3		"	10.0		103	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	10.4		"	10.0		104	47.1-101	High Bias			
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	9.50		"	10.0		95.0	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	65.1-140				
Methylene chloride	11.0		"	10.0		110	61.3-120				
Naphthalene	8.88		"	10.0		88.8	62.3-148				
n-Butylbenzene	10.1		"	10.0		101	67.2-123				
n-Propylbenzene	11.2		"	10.0		112	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	21.3		"	20.0		106	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	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 BK21124 - EPA 5030B											
LCS (BK21124-BS1)								Prepared & Analyzed: 11/30/2012			
Styrene	10.3		ug/L	10.0		103	77.8-123				
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	9.27		"	10.0		92.7	63.6-167				
Toluene	10.3		"	10.0		103	77-123				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137				
Trichloroethylene	9.75		"	10.0		97.5	77.9-130				
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133				
Vinyl Chloride	10.4		"	10.0		104	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*12.9*		*"*	*10.0*		*129*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.66*		*"*	*10.0*		*96.6*	*81.2-127*				
LCS Dup (BK21124-BSD1)								Prepared & Analyzed: 11/30/2012			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		2.01	21.1	
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137		1.06	19.7	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	71.3-131		4.77	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1		"	10.0		121	71.1-129		1.58	21.7	
1,1,2-Trichloroethane	9.99		"	10.0		99.9	74.5-129		0.703	20.3	
1,1-Dichloroethane	11.9		"	10.0		119	79.6-132		0.845	20.6	
1,1-Dichloroethylene	11.9		"	10.0		119	80.2-146		2.29	20	
1,1-Dichloropropylene	10.9		"	10.0		109	75-136		2.51	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		16.0	21.6	
1,2,3-Trichloropropane	10.4		"	10.0		104	63-131		3.11	23.9	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	70.6-136		16.3	21.7	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	75.3-135		7.13	18.8	
1,2-Dibromo-3-chloropropane	10.7		"	10.0		107	58.9-140		1.22	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		2.50	23	
1,2-Dichlorobenzene	10.7		"	10.0		107	76.1-122		6.76	19.8	
1,2-Dichloroethane	11.9		"	10.0		119	74.6-132		6.10	20.2	
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129		5.57	20.7	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	70.6-127		9.54	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		6.55	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		0.298	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		7.75	18.6	
2,2-Dichloropropane	11.0		"	10.0		110	69-133		2.88	19.8	
2-Chlorotoluene	11.2		"	10.0		112	66.3-119		15.0	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		13.3	30	
4-Chlorotoluene	11.3		"	10.0		113	69.2-127		7.54	19	
Acetone	5.98		"	10.0		59.8	70-130	Low Bias	2.64	30	
Benzene	11.0		"	10.0		110	76.2-129		2.78	19	
Bromobenzene	9.73		"	10.0		97.3	71.3-123		4.20	20.3	
Bromochloromethane	11.5		"	10.0		115	70.8-137		3.51	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		4.68	21	
Bromoform	10.9		"	10.0		109	70.5-141		2.69	21.8	
Bromomethane	12.5		"	10.0		125	43.9-147		17.8	28.4	
Carbon tetrachloride	11.8		"	10.0		118	78.1-138		1.60	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		3.42	19.9	
Chloroethane	10.2		"	10.0		102	55.8-140		10.2	23.3	
Chloroform	11.1		"	10.0		111	76.6-133		1.90	20.3	
Chloromethane	10.2		"	10.0		102	48.8-115		22.5	24.5	
cis-1,2-Dichloroethylene	11.4		"	10.0		114	75.1-128		0.882	20.5	
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128		0.371	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		0.579	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 BK21124 - EPA 5030B											
LCS Dup (BK21124-BSD1)							Prepared & Analyzed: 11/30/2012				
Dibromomethane	10.5		ug/L	10.0		105	79-130		1.06	22.4	
Dichlorodifluoromethane	10.0		"	10.0		100	47.1-101		3.14	23.9	
Ethyl Benzene	11.1		"	10.0		111	80.8-128		3.03	19.2	
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128		14.9	20.6	
Isopropylbenzene	11.8		"	10.0		118	75.5-135		8.55	20	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140		6.42	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		7.34	20.4	
Naphthalene	11.0		"	10.0		110	62.3-148		21.6	27.1	
n-Butylbenzene	11.1		"	10.0		111	67.2-123		9.89	19.1	
n-Propylbenzene	12.3		"	10.0		123	70.5-127		9.12	23.4	
o-Xylene	10.5		"	10.0		105	75.9-122		4.09	19.3	
p- & m- Xylenes	21.6		"	20.0		108	77.7-127		1.45	18.6	
p-Isopropyltoluene	11.5		"	10.0		115	75.6-129		9.29	19.1	
sec-Butylbenzene	12.1		"	10.0		121	71.5-125		9.43	18.9	
Styrene	10.2		"	10.0		102	77.8-123		1.27	20.9	
tert-Butylbenzene	12.7		"	10.0		127	75.9-151		19.1	20.9	
Tetrachloroethylene	9.65		"	10.0		96.5	63.6-167		4.02	27.7	
Toluene	10.6		"	10.0		106	77-123		3.73	18.7	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139		0.352	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		3.48	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		6.55	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		2.03	21.4	
Vinyl Chloride	10.1		"	10.0		101	54.9-124		3.11	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.9*		*"*	*10.0*		*119*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*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 BK20979 - EPA 3010A											
Blank (BK20979-BLK1)								Prepared & Analyzed: 11/27/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BK20979-DUP1)	*Source sample: 12K0640-01 (WQ111912:1040NP2-10)							Prepared & Analyzed: 11/27/2012			
Iron - Dissolved	0.0487	0.0200	mg/L		0.0523				7.08	20	
Matrix Spike (BK20979-MS1)	*Source sample: 12K0640-01 (WQ111912:1040NP2-10)							Prepared & Analyzed: 11/27/2012			
Iron - Dissolved	1.10	0.0200	mg/L	1.00	0.0523	105	75-125				
Reference (BK20979-SRM1)								Prepared & Analyzed: 11/27/2012			
Iron - Dissolved	0.453	0.0200	mg/L	0.462		98.0	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20979 - EPA 3010A											
Blank (BK20979-BLK1)								Prepared & Analyzed: 11/27/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BK20979-DUP1)	*Source sample: 12K0640-01 (WQ111912:1040NP2-10)							Prepared & Analyzed: 11/27/2012			
Iron	1.25	0.0200	mg/L		1.36				8.37	20	
Matrix Spike (BK20979-MS1)	*Source sample: 12K0640-01 (WQ111912:1040NP2-10)							Prepared & Analyzed: 11/27/2012			
Iron	2.66	0.0200	mg/L	1.00	1.36	130	75-125	High Bias			
Reference (BK20979-SRM1)								Prepared & Analyzed: 11/27/2012			
Iron	0.453	0.0200	mg/L	0.462		98.0	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK20902 - % Solids Prep											
Blank (BK20902-BLK1)											Prepared: 11/26/2012 Analyzed: 11/27/2012
Total Dissolved Solids	ND	1.00	mg/L								

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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0639-01	WQ111912:1030NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0639-02	WQ111912:1035NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0640-01	WQ111912:1040NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0639

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

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

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

STEPHEN HNAT
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	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)
WQ111912:1030NP2-6	11/19/12 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ111912 1035NP2 7	↓ 1035	GW	↓	2V 2P
WQ111912 1040NP2 10	↓ 1040	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]	11/21/12 11—	TC [signature]	11/21/12 11:00
Samples Relinquished By	Date/Time	Samples Received in LAB by: J. [signature]	11/21/12 - 1450

Temperature on Receipt: 4.6 °C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 12K0640

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

YOUR Project ID: Rowe Industries.

Purchase Order No.: NABSAG.

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	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 Per Discharge Permit	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	Inslv. 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)
WQ111912:1030NP2-6	11/19/12 1030	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2p
WQ111912:1035NP2-7	1035	GW	↓	2v 2p
WQ111912:1040NP2-10	1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	2v 3p

Comments

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

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

Samples Relinquished By	11/21/12 11:-	Samples Received By	11/21/12 11:00
Samples Relinquished By	Date/Time	Samples Received in LAB by	11/21/12-1450 Date/Time

Temperature on Receipt 4.6 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

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

Report Date: 12/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0804

Report Date: 12/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0804

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12K0804-01	WQ112712:1210NP-6	Water	11/27/2012	11/28/2012
12K0804-02	WQ112712:1215NP-7	Water	11/27/2012	11/28/2012
12K0806-01	WQ112712:1220NP2-10	Water	11/27/2012	11/28/2012

General Notes for York Project (SDG) No.: 12K0804

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

Approved By: 

Date: 12/11/2012

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ112712:1210NP-6 **York Sample ID:** 12K0804-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:10 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
71-55-6	1,1,1-Trichloroethane	**0.64**		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-34-3	1,1-Dichloroethane	**0.27**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
87-61-6	1,2,3-Trichlorobenzene	**0.12**	J	ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS

Sample Information

Client Sample ID: WQ112712:1210NP-6 **York Sample ID:** 12K0804-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:10 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
67-66-3	Chloroform	**0.18**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
87-68-3	Hexachlorobutadiene	**0.16**	J, B	ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
91-20-3	Naphthalene	**0.26**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
127-18-4	Tetrachloroethylene	**1.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
79-01-6	Trichloroethylene	**0.14**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ112712:1210NP-6 **York Sample ID:** 12K0804-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:10 pm	11/28/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.122**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/29/2012 14:44	11/29/2012 17:53	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	**1.29**		mg/L	0.0100	0.0200	1	EPA 200.7	11/29/2012 14:44	11/29/2012 17:58	MW

Sample Information

Client Sample ID: WQ112712:1215NP-7 **York Sample ID:** 12K0804-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS

Sample Information

Client Sample ID: WQ112712:1215NP-7 **York Sample ID:** 12K0804-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
91-20-3	Naphthalene	**0.17**	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS

Sample Information

Client Sample ID: WQ112712:1215NP-7 **York Sample ID:** 12K0804-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0804	Rowe Industries	Water	November 27, 2012 12:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 01:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*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	**0.0345**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/29/2012 14:44	11/29/2012 18:15	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	**0.556**		mg/L	0.0100	0.0200	1	EPA 200.7	11/29/2012 14:44	11/29/2012 18:19	MW

Sample Information

Client Sample ID: WQ112712:1220NP2-10 **York Sample ID:** 12K0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0806	Rowe Industries	Water	November 27, 2012 12:20 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS

Sample Information

Client Sample ID: WQ112712:1220NP2-10 **York Sample ID:** 12K0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0806	Rowe Industries	Water	November 27, 2012 12:20 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS

Sample Information

Client Sample ID: WQ112712:1220NP2-10 **York Sample ID:** 12K0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0806	Rowe Industries	Water	November 27, 2012 12:20 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 02:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ112712:1220NP2-10 **York Sample ID:** 12K0806-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0806	Rowe Industries	Water	November 27, 2012 12:20 pm	11/28/2012

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0208**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	11/29/2012 14:44	11/29/2012 17:19	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	**0.880**		mg/L	0.0100	0.0200	1	EPA 200.7	11/29/2012 14:44	11/29/2012 17:36	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	**111**		mg/L	1.00	1.00	1	SM 2540C	11/30/2012 10:33	11/30/2012 10:33	ALD

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BK21091 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
12K0806-01	WQ112712:1220NP2-10	11/30/12
BK21091-BLK1	Blank	11/30/12

Batch ID: BK21097 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12K0804-01	WQ112712:1210NP-6	11/29/12
12K0804-01	WQ112712:1210NP-6	11/29/12
12K0804-02	WQ112712:1215NP-7	11/29/12
12K0804-02	WQ112712:1215NP-7	11/29/12
12K0806-01	WQ112712:1220NP2-10	11/29/12
12K0806-01	WQ112712:1220NP2-10	11/29/12
BK21097-BLK1	Blank	11/29/12
BK21097-BLK1	Blank	11/29/12
BK21097-DUP1	Duplicate	11/29/12
BK21097-DUP1	Duplicate	11/29/12
BK21097-MS1	Matrix Spike	11/29/12
BK21097-MS1	Matrix Spike	11/29/12
BK21097-SRM1	Reference	11/29/12
BK21097-SRM1	Reference	11/29/12

Batch ID: BL20056 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0804-01	WQ112712:1210NP-6	12/03/12
12K0804-02	WQ112712:1215NP-7	12/03/12
12K0806-01	WQ112712:1220NP2-10	12/03/12
BL20056-BLK1	Blank	12/03/12
BL20056-BS1	LCS	12/03/12
BL20056-BSD1	LCS Dup	12/03/12

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 BL20056 - EPA 5030B											
Blank (BL20056-BLK1)											
Prepared: 12/03/2012 Analyzed: 12/04/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	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	0.55	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	1.1	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

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 BL20056 - EPA 5030B											
Blank (BL20056-BLK1)								Prepared: 12/03/2012 Analyzed: 12/04/2012			
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	*9.64*		*"*	*10.0*		*96.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81.2-127*				
LCS (BL20056-BS1)								Prepared & Analyzed: 12/03/2012			
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	71.1-129				
1,1,2-Trichloroethane	9.93		"	10.0		99.3	74.5-129				
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132				
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146				
1,1-Dichloropropylene	9.83		"	10.0		98.3	75-136				
1,2,3-Trichlorobenzene	9.92		"	10.0		99.2	66.1-136				
1,2,3-Trichloropropane	9.95		"	10.0		99.5	63-131				
1,2,4-Trichlorobenzene	9.59		"	10.0		95.9	70.6-136				
1,2,4-Trimethylbenzene	9.40		"	10.0		94.0	75.3-135				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.67		"	10.0		96.7	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	9.69		"	10.0		96.9	76.9-129				
1,3,5-Trimethylbenzene	9.41		"	10.0		94.1	70.6-127				
1,3-Dichlorobenzene	9.54		"	10.0		95.4	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125				
2,2-Dichloropropane	8.83		"	10.0		88.3	69-133				
2-Chlorotoluene	9.61		"	10.0		96.1	66.3-119				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	9.41		"	10.0		94.1	69.2-127				
Acetone	5.56		"	10.0		55.6	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	9.93		"	10.0		99.3	70.8-137				
Bromodichloromethane	10.2		"	10.0		102	79.7-134				
Bromoform	11.1		"	10.0		111	70.5-141				
Bromomethane	10.2		"	10.0		102	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	10.9		"	10.0		109	55.8-140				
Chloroform	10.3		"	10.0		103	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	10.5		"	10.0		105	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 BL20056 - EPA 5030B											
LCS (BL20056-BS1)							Prepared & Analyzed: 12/03/2012				
Dibromochloromethane	11.0		ug/L	10.0		110	79.8-134				
Dibromomethane	9.98		"	10.0		99.8	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	9.87		"	10.0		98.7	80.8-128				
Hexachlorobutadiene	9.35		"	10.0		93.5	64.8-128				
Isopropylbenzene	9.66		"	10.0		96.6	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	7.26		"	10.0		72.6	61.3-120				
Naphthalene	11.3		"	10.0		113	62.3-148				
n-Butylbenzene	9.43		"	10.0		94.3	67.2-123				
n-Propylbenzene	9.56		"	10.0		95.6	70.5-127				
o-Xylene	9.56		"	10.0		95.6	75.9-122				
p- & m- Xylenes	19.3		"	20.0		96.7	77.7-127				
p-Isopropyltoluene	9.62		"	10.0		96.2	75.6-129				
sec-Butylbenzene	9.65		"	10.0		96.5	71.5-125				
Styrene	9.92		"	10.0		99.2	77.8-123				
tert-Butylbenzene	9.63		"	10.0		96.3	75.9-151				
Tetrachloroethylene	8.79		"	10.0		87.9	63.6-167				
Toluene	9.65		"	10.0		96.5	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.37		"	10.0		93.7	77.9-130				
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133				
Vinyl Chloride	11.2		"	10.0		112	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20056 - EPA 5030B											
LCS Dup (BL20056-BSD1)									Prepared: 12/03/2012 Analyzed: 12/04/2012		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		5.43	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		3.53	19.7	
1,1,2,2-Tetrachloroethane	9.99		"	10.0		99.9	71.3-131		1.59	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		2.15	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		2.98	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.66	20.6	
1,1-Dichloroethylene	9.90		"	10.0		99.0	80.2-146		2.69	20	
1,1-Dichloropropylene	9.44		"	10.0		94.4	75-136		4.05	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		2.29	21.6	
1,2,3-Trichloropropane	9.92		"	10.0		99.2	63-131		0.302	23.9	
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	70.6-136		2.47	21.7	
1,2,4-Trimethylbenzene	8.98		"	10.0		89.8	75.3-135		4.57	18.8	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		3.72	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		0.194	23	
1,2-Dichlorobenzene	9.71		"	10.0		97.1	76.1-122		0.413	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		1.78	20.2	
1,2-Dichloropropane	9.83		"	10.0		98.3	76.9-129		1.43	20.7	
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	70.6-127		3.65	18.9	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124		4.11	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		1.28	22.1	
1,4-Dichlorobenzene	9.57		"	10.0		95.7	76.6-125		2.86	18.6	
2,2-Dichloropropane	8.29		"	10.0		82.9	69-133		6.31	19.8	
2-Chlorotoluene	9.82		"	10.0		98.2	66.3-119		2.16	21.6	
2-Hexanone	9.91		"	10.0		99.1	70-130		6.26	30	
4-Chlorotoluene	9.67		"	10.0		96.7	69.2-127		2.73	19	
Acetone	5.81		"	10.0		58.1	70-130	Low Bias	4.40	30	
Benzene	10.2		"	10.0		102	76.2-129		3.27	19	
Bromobenzene	9.48		"	10.0		94.8	71.3-123		5.44	20.3	
Bromochloromethane	9.39		"	10.0		93.9	70.8-137		5.59	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		2.04	21	
Bromoform	11.1		"	10.0		111	70.5-141		0.180	21.8	
Bromomethane	10.3		"	10.0		103	43.9-147		1.66	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		3.41	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		3.25	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		3.18	23.3	
Chloroform	9.71		"	10.0		97.1	76.6-133		5.51	20.3	
Chloromethane	10.5		"	10.0		105	48.8-115		5.47	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.78	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		0.381	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		0.454	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		3.25	22.4	
Dichlorodifluoromethane	10.8		"	10.0		108	47.1-101	High Bias	4.17	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		2.40	19.2	
Hexachlorobutadiene	9.90		"	10.0		99.0	64.8-128		5.71	20.6	
Isopropylbenzene	9.81		"	10.0		98.1	75.5-135		1.54	20	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	65.1-140		6.90	23.6	
Methylene chloride	7.12		"	10.0		71.2	61.3-120		1.95	20.4	
Naphthalene	10.8		"	10.0		108	62.3-148		4.44	27.1	
n-Butylbenzene	9.97		"	10.0		99.7	67.2-123		5.57	19.1	
n-Propylbenzene	9.98		"	10.0		99.8	70.5-127		4.30	23.4	
o-Xylene	9.64		"	10.0		96.4	75.9-122		0.833	19.3	
p- & m- Xylenes	20.0		"	20.0		99.8	77.7-127		3.11	18.6	
p-Isopropyltoluene	9.83		"	10.0		98.3	75.6-129		2.16	19.1	
sec-Butylbenzene	9.92		"	10.0		99.2	71.5-125		2.76	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 BL20056 - EPA 5030B											
LCS Dup (BL20056-BSD1)									Prepared: 12/03/2012 Analyzed: 12/04/2012		
Styrene	8.85		ug/L	10.0		88.5	77.8-123		11.4	20.9	
tert-Butylbenzene	9.88		"	10.0		98.8	75.9-151		2.56	20.9	
Tetrachloroethylene	9.12		"	10.0		91.2	63.6-167		3.69	27.7	
Toluene	9.79		"	10.0		97.9	77-123		1.44	18.7	
trans-1,2-Dichloroethylene	9.85		"	10.0		98.5	76.3-139		5.24	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	9.45		"	10.0		94.5	77.9-130		0.850	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		4.34	21.4	
Vinyl Chloride	10.6		"	10.0		106	54.9-124		4.68	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21097 - EPA 3010A											
Blank (BK21097-BLK1)								Prepared & Analyzed: 11/29/2012			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BK21097-DUP1)	*Source sample: 12K0806-01 (WQ112712:1220NP2-10)							Prepared & Analyzed: 11/29/2012			
Iron - Dissolved	0.0163	0.0200	mg/L		0.0208				24.3	20	Non-dir.
Matrix Spike (BK21097-MS1)	*Source sample: 12K0806-01 (WQ112712:1220NP2-10)							Prepared & Analyzed: 11/29/2012			
Iron - Dissolved	1.04	0.0200	mg/L	1.00	0.0208	102	75-125				
Reference (BK21097-SRM1)								Prepared & Analyzed: 11/29/2012			
Iron - Dissolved	0.453	0.0200	mg/L	0.462		98.1	87.9-114				

YORK
ANALYTICAL LABORATORIES, INC.

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 BK21097 - EPA 3010A											
Blank (BK21097-BLK1)								Prepared & Analyzed: 11/29/2012			
Iron	ND	0.0200	mg/L								
Duplicate (BK21097-DUP1)	*Source sample: 12K0806-01 (WQ112712:1220NP2-10)							Prepared & Analyzed: 11/29/2012			
Iron	0.883	0.0200	mg/L		0.880				0.348	20	
Matrix Spike (BK21097-MS1)	*Source sample: 12K0806-01 (WQ112712:1220NP2-10)							Prepared & Analyzed: 11/29/2012			
Iron	1.92	0.0200	mg/L	1.00	0.880	104	75-125				
Reference (BK21097-SRM1)								Prepared & Analyzed: 11/29/2012			
Iron	0.453	0.0200	mg/L	0.462		98.1	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK21091 - % Solids Prep											
Blank (BK21091-BLK1)											Prepared & Analyzed: 11/30/2012
Total Dissolved Solids	ND	1.00	mg/L								

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0804-01	WQ112712:1210NP-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0804-02	WQ112712:1215NP-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0806-01	WQ112712:1220NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0804

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

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

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

Name (printed): STEPHEN HNAT

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	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)
WQ112712 1210NP2-6	11/27/12 1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ112712 1215NP2-7	↓ 1215	GW	↓	2V 2P
WQ112712 1220NP2-10	↓ 1220	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
Tom Robson	11/28/12 1545	[signature]	11/28/12 1545
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	11/28/12-1620

Temperature on Receipt: 4.2 °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. 12K0806

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

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
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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	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360	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)
WQ112712 : 1210NP2-6	11/27/12	1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ112712 : 1215NP2-7	↓	1215	GW	↓	2V 2P
WQ112712 : 1220 NP2-10	↓	1220	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
Tom Robson	11/28/12 1545	TC [signature]	11/28/12 1545
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	11/28/12-1620

Temperature on Receipt: 4.2 °C

APPENDIX II
NOVEMBER 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 Komuves-Sandor

Report Date: 12/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0807

Report Date: 12/11/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0807

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12K0807-01	GWQ112712:1435NP1-1-2	Water	11/27/2012	11/28/2012
12K0807-02	GWQ112712:1055NP1-1-3	Water	11/27/2012	11/28/2012
12K0807-03	GWQ112712:1415NP1-1-5	Water	11/27/2012	11/28/2012
12K0807-04	GWQ112712:1328NP1-1-6	Water	11/27/2012	11/28/2012
12K0807-05	GWQ112712:1310NP1-1-7	Water	11/27/2012	11/28/2012
12K0807-06	GWQ112712:1235NP1-1-8	Water	11/27/2012	11/28/2012
12K0807-07	GWQ112712:1140NP1-1-9	Water	11/27/2012	11/28/2012

General Notes for York Project (SDG) No.: 12K0807

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

Approved By: 

Date: 12/11/2012

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ112712:1435NP1-1-2 **York Sample ID:** 12K0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:35 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
71-55-6	1,1,1-Trichloroethane	**0.17**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS

Sample Information

Client Sample ID: GWQ112712:1435NP1-1-2 **York Sample ID:** 12K0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:35 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
67-66-3	Chloroform	**0.11**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
156-59-2	cis-1,2-Dichloroethylene	**0.65**		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
127-18-4	Tetrachloroethylene	**1.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
79-01-6	Trichloroethylene	**0.43**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1435NP1-1-2 **York Sample ID:** 12K0807-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:35 pm	11/28/2012

Sample Information

Client Sample ID: GWQ112712:1055NP1-1-3 **York Sample ID:** 12K0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 10:55 am	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS

Sample Information

Client Sample ID: GWQ112712:1055NP1-1-3 **York Sample ID:** 12K0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 10:55 am	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS

Sample Information

Client Sample ID: GWQ112712:1055NP1-1-3 **York Sample ID:** 12K0807-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 10:55 am	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 03:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1415NP1-1-5 **York Sample ID:** 12K0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS

Sample Information

Client Sample ID: GWQ112712:1415NP1-1-5 **York Sample ID:** 12K0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
67-66-3	Chloroform	**0.96**		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS

Sample Information

Client Sample ID: GWQ112712:1415NP1-1-5 **York Sample ID:** 12K0807-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 2:15 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1328NP1-1-6 **York Sample ID:** 12K0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:28 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
71-55-6	1,1,1-Trichloroethane	**1.2**		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-34-3	1,1-Dichloroethane	**0.38**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS

Sample Information

Client Sample ID: GWQ112712:1328NP1-1-6 **York Sample ID:** 12K0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:28 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
67-66-3	Chloroform	**0.35**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS

Sample Information

Client Sample ID: GWQ112712:1328NP1-1-6 **York Sample ID:** 12K0807-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:28 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
127-18-4	Tetrachloroethylene	**2.2**		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
79-01-6	Trichloroethylene	**0.10**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 04:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*87.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1310NP1-1-7 **York Sample ID:** 12K0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:10 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
71-55-6	1,1,1-Trichloroethane	**0.27**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS

Sample Information

Client Sample ID: GWQ112712:1310NP1-1-7 **York Sample ID:** 12K0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:10 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-34-3	1,1-Dichloroethane	**0.15**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
67-66-3	Chloroform	**0.19**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS

Sample Information

Client Sample ID: GWQ112712:1310NP1-1-7 **York Sample ID:** 12K0807-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 1:10 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
127-18-4	Tetrachloroethylene	**0.89**		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 05:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1235NP1-1-8 **York Sample ID:** 12K0807-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 12:35 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS

Sample Information

Client Sample ID: GWQ112712:1235NP1-1-8 **York Sample ID:** 12K0807-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 12:35 pm	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
127-18-4	Tetrachloroethylene	**0.16**	J	ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ112712:1140NP1-1-9 **York Sample ID:** 12K0807-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 11:40 am	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS

Sample Information

Client Sample ID: GWQ112712:1140NP1-1-9 **York Sample ID:** 12K0807-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0807	Rowe Industries	Water	November 27, 2012 11:40 am	11/28/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	12/03/2012 15:25	12/04/2012 06:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BL20056 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12K0807-01	GWQ112712:1435NP1-1-2	12/03/12
12K0807-02	GWQ112712:1055NP1-1-3	12/03/12
12K0807-03	GWQ112712:1415NP1-1-5	12/03/12
12K0807-04	GWQ112712:1328NP1-1-6	12/03/12
12K0807-05	GWQ112712:1310NP1-1-7	12/03/12
12K0807-06	GWQ112712:1235NP1-1-8	12/03/12
12K0807-07	GWQ112712:1140NP1-1-9	12/03/12
BL20056-BLK1	Blank	12/03/12
BL20056-BS1	LCS	12/03/12
BL20056-BSD1	LCS Dup	12/03/12
BL20056-MS1	Matrix Spike	12/03/12
BL20056-MSD1	Matrix Spike Dup	12/03/12

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 BL20056 - EPA 5030B											
Blank (BL20056-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	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	0.55	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	1.1	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Prepared: 12/03/2012 Analyzed: 12/04/2012

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20056 - EPA 5030B											
Blank (BL20056-BLK1)								Prepared: 12/03/2012 Analyzed: 12/04/2012			
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	*9.64*		*"*	*10.0*		*96.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81.2-127*				
LCS (BL20056-BS1)								Prepared & Analyzed: 12/03/2012			
1,1,1,2-Tetrachloroethane	9.85		ug/L	10.0		98.5	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	71.1-129				
1,1,2-Trichloroethane	9.93		"	10.0		99.3	74.5-129				
1,1-Dichloroethane	10.6		"	10.0		106	79.6-132				
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146				
1,1-Dichloropropylene	9.83		"	10.0		98.3	75-136				
1,2,3-Trichlorobenzene	9.92		"	10.0		99.2	66.1-136				
1,2,3-Trichloropropane	9.95		"	10.0		99.5	63-131				
1,2,4-Trichlorobenzene	9.59		"	10.0		95.9	70.6-136				
1,2,4-Trimethylbenzene	9.40		"	10.0		94.0	75.3-135				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.67		"	10.0		96.7	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	9.69		"	10.0		96.9	76.9-129				
1,3,5-Trimethylbenzene	9.41		"	10.0		94.1	70.6-127				
1,3-Dichlorobenzene	9.54		"	10.0		95.4	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125				
2,2-Dichloropropane	8.83		"	10.0		88.3	69-133				
2-Chlorotoluene	9.61		"	10.0		96.1	66.3-119				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	9.41		"	10.0		94.1	69.2-127				
Acetone	5.56		"	10.0		55.6	70-130	Low Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	9.93		"	10.0		99.3	70.8-137				
Bromodichloromethane	10.2		"	10.0		102	79.7-134				
Bromoform	11.1		"	10.0		111	70.5-141				
Bromomethane	10.2		"	10.0		102	43.9-147				
Carbon tetrachloride	10.4		"	10.0		104	78.1-138				
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	10.9		"	10.0		109	55.8-140				
Chloroform	10.3		"	10.0		103	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	10.5		"	10.0		105	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 BL20056 - EPA 5030B											
LCS (BL20056-BS1)							Prepared & Analyzed: 12/03/2012				
Dibromochloromethane	11.0		ug/L	10.0		110	79.8-134				
Dibromomethane	9.98		"	10.0		99.8	79-130				
Dichlorodifluoromethane	11.3		"	10.0		113	47.1-101	High Bias			
Ethyl Benzene	9.87		"	10.0		98.7	80.8-128				
Hexachlorobutadiene	9.35		"	10.0		93.5	64.8-128				
Isopropylbenzene	9.66		"	10.0		96.6	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	7.26		"	10.0		72.6	61.3-120				
Naphthalene	11.3		"	10.0		113	62.3-148				
n-Butylbenzene	9.43		"	10.0		94.3	67.2-123				
n-Propylbenzene	9.56		"	10.0		95.6	70.5-127				
o-Xylene	9.56		"	10.0		95.6	75.9-122				
p- & m- Xylenes	19.3		"	20.0		96.7	77.7-127				
p-Isopropyltoluene	9.62		"	10.0		96.2	75.6-129				
sec-Butylbenzene	9.65		"	10.0		96.5	71.5-125				
Styrene	9.92		"	10.0		99.2	77.8-123				
tert-Butylbenzene	9.63		"	10.0		96.3	75.9-151				
Tetrachloroethylene	8.79		"	10.0		87.9	63.6-167				
Toluene	9.65		"	10.0		96.5	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.37		"	10.0		93.7	77.9-130				
Trichlorofluoromethane	10.6		"	10.0		106	57.4-133				
Vinyl Chloride	11.2		"	10.0		112	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81.2-127*				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20056 - EPA 5030B											
LCS Dup (BL20056-BSD1)									Prepared: 12/03/2012 Analyzed: 12/04/2012		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		5.43	21.1	
1,1,1-Trichloroethane	10.0		"	10.0		100	75.6-137		3.53	19.7	
1,1,2,2-Tetrachloroethane	9.99		"	10.0		99.9	71.3-131		1.59	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129		2.15	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		2.98	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		2.66	20.6	
1,1-Dichloroethylene	9.90		"	10.0		99.0	80.2-146		2.69	20	
1,1-Dichloropropylene	9.44		"	10.0		94.4	75-136		4.05	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		2.29	21.6	
1,2,3-Trichloropropane	9.92		"	10.0		99.2	63-131		0.302	23.9	
1,2,4-Trichlorobenzene	9.83		"	10.0		98.3	70.6-136		2.47	21.7	
1,2,4-Trimethylbenzene	8.98		"	10.0		89.8	75.3-135		4.57	18.8	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		3.72	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		0.194	23	
1,2-Dichlorobenzene	9.71		"	10.0		97.1	76.1-122		0.413	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		1.78	20.2	
1,2-Dichloropropane	9.83		"	10.0		98.3	76.9-129		1.43	20.7	
1,3,5-Trimethylbenzene	9.76		"	10.0		97.6	70.6-127		3.65	18.9	
1,3-Dichlorobenzene	9.94		"	10.0		99.4	77-124		4.11	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		1.28	22.1	
1,4-Dichlorobenzene	9.57		"	10.0		95.7	76.6-125		2.86	18.6	
2,2-Dichloropropane	8.29		"	10.0		82.9	69-133		6.31	19.8	
2-Chlorotoluene	9.82		"	10.0		98.2	66.3-119		2.16	21.6	
2-Hexanone	9.91		"	10.0		99.1	70-130		6.26	30	
4-Chlorotoluene	9.67		"	10.0		96.7	69.2-127		2.73	19	
Acetone	5.81		"	10.0		58.1	70-130	Low Bias	4.40	30	
Benzene	10.2		"	10.0		102	76.2-129		3.27	19	
Bromobenzene	9.48		"	10.0		94.8	71.3-123		5.44	20.3	
Bromochloromethane	9.39		"	10.0		93.9	70.8-137		5.59	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		2.04	21	
Bromoform	11.1		"	10.0		111	70.5-141		0.180	21.8	
Bromomethane	10.3		"	10.0		103	43.9-147		1.66	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		3.41	20.1	
Chlorobenzene	10.0		"	10.0		100	80.4-125		3.25	19.9	
Chloroethane	10.5		"	10.0		105	55.8-140		3.18	23.3	
Chloroform	9.71		"	10.0		97.1	76.6-133		5.51	20.3	
Chloromethane	10.5		"	10.0		105	48.8-115		5.47	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.78	20.5	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	74.5-128		0.381	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		0.454	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		3.25	22.4	
Dichlorodifluoromethane	10.8		"	10.0		108	47.1-101	High Bias	4.17	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		2.40	19.2	
Hexachlorobutadiene	9.90		"	10.0		99.0	64.8-128		5.71	20.6	
Isopropylbenzene	9.81		"	10.0		98.1	75.5-135		1.54	20	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	65.1-140		6.90	23.6	
Methylene chloride	7.12		"	10.0		71.2	61.3-120		1.95	20.4	
Naphthalene	10.8		"	10.0		108	62.3-148		4.44	27.1	
n-Butylbenzene	9.97		"	10.0		99.7	67.2-123		5.57	19.1	
n-Propylbenzene	9.98		"	10.0		99.8	70.5-127		4.30	23.4	
o-Xylene	9.64		"	10.0		96.4	75.9-122		0.833	19.3	
p- & m- Xylenes	20.0		"	20.0		99.8	77.7-127		3.11	18.6	
p-Isopropyltoluene	9.83		"	10.0		98.3	75.6-129		2.16	19.1	
sec-Butylbenzene	9.92		"	10.0		99.2	71.5-125		2.76	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 BL20056 - EPA 5030B											
LCS Dup (BL20056-BSD1)								Prepared: 12/03/2012 Analyzed: 12/04/2012			
Styrene	8.85		ug/L	10.0		88.5	77.8-123		11.4	20.9	
tert-Butylbenzene	9.88		"	10.0		98.8	75.9-151		2.56	20.9	
Tetrachloroethylene	9.12		"	10.0		91.2	63.6-167		3.69	27.7	
Toluene	9.79		"	10.0		97.9	77-123		1.44	18.7	
trans-1,2-Dichloroethylene	9.85		"	10.0		98.5	76.3-139		5.24	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		1.76	19.3	
Trichloroethylene	9.45		"	10.0		94.5	77.9-130		0.850	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		4.34	21.4	
Vinyl Chloride	10.6		"	10.0		106	54.9-124		4.68	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.88*		*"*	*10.0*		*98.8*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				
Matrix Spike (BL20056-MS1)	*Source sample: 12K0807-05 (GWQ112712:1310NP1-1-7)							Prepared: 12/03/2012 Analyzed: 12/04/2012			
1,1,1,2-Tetrachloroethane	9.95		ug/L	10.0	ND	99.5	82-138				
1,1,1-Trichloroethane	10.3		"	10.0	0.270	101	85.7-133				
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0	ND	102	74.8-131				
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	82.5-129				
1,1-Dichloroethane	9.95		"	10.0	0.150	98.0	81.4-137				
1,1-Dichloroethylene	9.52		"	10.0	ND	95.2	90-138				
1,1-Dichloropropylene	8.89		"	10.0	ND	88.9	91.7-131	Low Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0	ND	96.0	75.9-130				
1,2,3-Trichloropropane	9.91		"	10.0	ND	99.1	77.1-140				
1,2,4-Trichlorobenzene	9.05		"	10.0	ND	90.5	69.8-135				
1,2,4-Trimethylbenzene	9.15		"	10.0	ND	91.5	79.4-131				
1,2-Dibromo-3-chloropropane	10.2		"	10.0	ND	102	66.6-143				
1,2-Dibromoethane	10.4		"	10.0	ND	104	79.8-136				
1,2-Dichlorobenzene	9.26		"	10.0	ND	92.6	79.9-130				
1,2-Dichloroethane	10.4		"	10.0	ND	104	85-133				
1,2-Dichloropropane	9.80		"	10.0	ND	98.0	81.1-132				
1,3,5-Trimethylbenzene	9.17		"	10.0	ND	91.7	76.1-121				
1,3-Dichlorobenzene	9.15		"	10.0	ND	91.5	79.1-124				
1,3-Dichloropropane	10.3		"	10.0	ND	103	83.3-130				
1,4-Dichlorobenzene	9.31		"	10.0	ND	93.1	79.4-128				
2,2-Dichloropropane	6.90		"	10.0	ND	69.0	54.2-126				
2-Chlorotoluene	9.61		"	10.0	ND	96.1	60.2-144				
2-Hexanone	10.7		"	10.0	ND	107	70-130				
4-Chlorotoluene	9.25		"	10.0	ND	92.5	79.8-128				
Acetone	5.61		"	10.0	ND	56.1	70-130	Low Bias			
Benzene	9.84		"	10.0	ND	98.4	74.1-134				
Bromobenzene	8.72		"	10.0	ND	87.2	76.6-125				
Bromochloromethane	9.50		"	10.0	ND	95.0	85-133				
Bromodichloromethane	10.5		"	10.0	ND	105	80.8-143				
Bromoform	11.1		"	10.0	ND	111	65.8-164				
Bromomethane	6.46		"	10.0	ND	64.6	68.7-112	Low Bias			
Carbon tetrachloride	9.35		"	10.0	ND	93.5	85.7-138				
Chlorobenzene	9.67		"	10.0	ND	96.7	79.9-129				
Chloroethane	16.2		"	10.0	ND	162	74.7-127	High Bias			
Chloroform	10.0		"	10.0	0.190	98.1	50.6-145				
Chloromethane	6.99		"	10.0	ND	69.9	64-111				
cis-1,2-Dichloroethylene	9.90		"	10.0	ND	99.0	75.5-129				
cis-1,3-Dichloropropylene	9.66		"	10.0	ND	96.6	74.3-128				
Dibromochloromethane	10.8		"	10.0	ND	108	76.8-150				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL20056 - EPA 5030B											
Matrix Spike (BL20056-MS1)	*Source sample: 12K0807-05 (GWQ112712:1310NP1-1-7)								Prepared: 12/03/2012 Analyzed: 12/04/2012		
Dibromomethane	10.6		ug/L	10.0	ND	106	83.3-140				
Dichlorodifluoromethane	9.14		"	10.0	ND	91.4	51-100				
Ethyl Benzene	9.79		"	10.0	ND	97.9	82.9-127				
Hexachlorobutadiene	8.90		"	10.0	ND	89.0	73-128				
Isopropylbenzene	9.13		"	10.0	ND	91.3	78.7-131				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0	0.130	104	81.2-134				
Methylene chloride	7.02		"	10.0	ND	70.2	57.8-103				
Naphthalene	10.2		"	10.0	ND	102	80.1-122				
n-Butylbenzene	8.87		"	10.0	ND	88.7	72.4-120				
n-Propylbenzene	9.40		"	10.0	ND	94.0	74-130				
o-Xylene	9.49		"	10.0	ND	94.9	78.8-122				
p- & m- Xylenes	19.3		"	20.0	ND	96.5	82.5-123				
p-Isopropyltoluene	9.09		"	10.0	ND	90.9	64.9-132				
sec-Butylbenzene	9.22		"	10.0	ND	92.2	25.4-151				
Styrene	9.93		"	10.0	ND	99.3	74.1-134				
tert-Butylbenzene	9.23		"	10.0	ND	92.3	79.5-171				
Tetrachloroethylene	9.33		"	10.0	0.890	84.4	72.5-130				
Toluene	9.58		"	10.0	ND	95.8	77.8-121				
trans-1,2-Dichloroethylene	9.40		"	10.0	ND	94.0	83.8-140				
trans-1,3-Dichloropropylene	9.18		"	10.0	ND	91.8	74.9-136				
Trichloroethylene	9.41		"	10.0	ND	94.1	84.4-125				
Trichlorofluoromethane	10.2		"	10.0	ND	102	78.7-127				
Vinyl Chloride	8.78		"	10.0	ND	87.8	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*8.79*		*"*	*10.0*		*87.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*81.2-127*				
Matrix Spike Dup (BL20056-MSD1)	*Source sample: 12K0807-05 (GWQ112712:1310NP1-1-7)								Prepared: 12/03/2012 Analyzed: 12/04/2012		
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0	ND	102	82-138		2.58	21.3	
1,1,1-Trichloroethane	10.9		"	10.0	0.270	106	85.7-133		5.03	22.6	
1,1,2,2-Tetrachloroethane	10.5		"	10.0	ND	105	78.6-136		3.68	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0	ND	113	74.8-131		10.0	25.6	
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	82.5-129		0.389	19.3	
1,1-Dichloroethane	10.5		"	10.0	0.150	103	81.4-137		5.17	20.7	
1,1-Dichloroethylene	10.2		"	10.0	ND	102	90-138		7.09	22.9	
1,1-Dichloropropylene	9.77		"	10.0	ND	97.7	91.7-131		9.43	24.9	
1,2,3-Trichlorobenzene	10.5		"	10.0	ND	105	75.9-130		9.33	21.4	
1,2,3-Trichloropropane	10.5		"	10.0	ND	105	77.1-140		5.50	28	
1,2,4-Trichlorobenzene	10.2		"	10.0	ND	102	69.8-135		12.1	22.5	
1,2,4-Trimethylbenzene	9.80		"	10.0	ND	98.0	79.4-131		6.86	33.9	
1,2-Dibromo-3-chloropropane	11.2		"	10.0	ND	112	66.6-143		9.22	23.3	
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136		2.46	19.1	
1,2-Dichlorobenzene	9.89		"	10.0	ND	98.9	79.9-130		6.58	23.2	
1,2-Dichloroethane	10.4		"	10.0	ND	104	85-133		0.287	19.1	
1,2-Dichloropropane	9.76		"	10.0	ND	97.6	81.1-132		0.409	19.9	
1,3,5-Trimethylbenzene	9.94		"	10.0	ND	99.4	76.1-121		8.06	31.2	
1,3-Dichlorobenzene	9.86		"	10.0	ND	98.6	79.1-124		7.47	22.6	
1,3-Dichloropropane	10.4		"	10.0	ND	104	83.3-130		1.16	20.9	
1,4-Dichlorobenzene	9.82		"	10.0	ND	98.2	79.4-128		5.33	21	
2,2-Dichloropropane	7.13		"	10.0	ND	71.3	54.2-126		3.28	24.5	
2-Chlorotoluene	9.60		"	10.0	ND	96.0	60.2-144		0.104	30.8	
2-Hexanone	11.0		"	10.0	ND	110	70-130		3.32	30	
4-Chlorotoluene	9.84		"	10.0	ND	98.4	79.8-128		6.18	23.2	
Acetone	5.99		"	10.0	ND	59.9	70-130	Low Bias	6.55	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 BL20056 - EPA 5030B											
Matrix Spike Dup (BL20056-MSD1)	*Source sample: 12K0807-05 (GWQ112712:1310NP1-1-7)								Prepared: 12/03/2012 Analyzed: 12/04/2012		
Benzene	10.4		ug/L	10.0	ND	104	74.1-134		5.15	20.8	
Bromobenzene	9.24		"	10.0	ND	92.4	76.6-125		5.79	23	
Bromochloromethane	9.84		"	10.0	ND	98.4	85-133		3.52	18.4	
Bromodichloromethane	10.6		"	10.0	ND	106	80.8-143		0.570	18.1	
Bromoform	11.3		"	10.0	ND	113	65.8-164		1.79	27.3	
Bromomethane	6.14		"	10.0	ND	61.4	68.7-112	Low Bias	5.08	22.8	
Carbon tetrachloride	10.0		"	10.0	ND	100	85.7-138		6.92	25.1	
Chlorobenzene	10.1		"	10.0	ND	101	79.9-129		4.15	21	
Chloroethane	14.7		"	10.0	ND	147	74.7-127	High Bias	9.59	23.7	
Chloroform	10.6		"	10.0	0.190	104	50.6-145		5.45	21.7	
Chloromethane	7.59		"	10.0	ND	75.9	64-111		8.23	21.4	
cis-1,2-Dichloroethylene	10.5		"	10.0	ND	105	75.5-129		5.69	20.2	
cis-1,3-Dichloropropylene	9.58		"	10.0	ND	95.8	74.3-128		0.832	19.8	
Dibromochloromethane	11.0		"	10.0	ND	110	76.8-150		1.92	20.8	
Dibromomethane	10.4		"	10.0	ND	104	83.3-140		2.76	20.4	
Dichlorodifluoromethane	9.99		"	10.0	ND	99.9	51-100		8.89	27.6	
Ethyl Benzene	10.2		"	10.0	ND	102	82.9-127		4.49	21.4	
Hexachlorobutadiene	10.2		"	10.0	ND	102	73-128		13.1	26	
Isopropylbenzene	9.92		"	10.0	ND	99.2	78.7-131		8.29	26.7	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0	0.130	109	81.2-134		4.42	21.2	
Methylene chloride	7.08		"	10.0	ND	70.8	57.8-103		0.851	21.2	
Naphthalene	12.2		"	10.0	ND	122	80.1-122		17.9	26.1	
n-Butylbenzene	9.95		"	10.0	ND	99.5	72.4-120		11.5	30.8	
n-Propylbenzene	9.98		"	10.0	ND	99.8	74-130		5.99	31	
o-Xylene	9.85		"	10.0	ND	98.5	78.8-122		3.72	21	
p- & m- Xylenes	20.4		"	20.0	ND	102	82.5-123		5.35	22.5	
p-Isopropyltoluene	10.0		"	10.0	ND	100	64.9-132		9.83	25.2	
sec-Butylbenzene	10.0		"	10.0	ND	100	25.4-151		8.52	25.2	
Styrene	10.4		"	10.0	ND	104	74.1-134		5.01	20	
tert-Butylbenzene	9.86		"	10.0	ND	98.6	79.5-171		6.60	24.8	
Tetrachloroethylene	10.0		"	10.0	0.890	91.3	72.5-130		7.85	22.7	
Toluene	10.0		"	10.0	ND	100	77.8-121		4.69	21.5	
trans-1,2-Dichloroethylene	9.99		"	10.0	ND	99.9	83.8-140		6.09	20.1	
trans-1,3-Dichloropropylene	9.28		"	10.0	ND	92.8	74.9-136		1.08	22.5	
Trichloroethylene	9.67		"	10.0	ND	96.7	84.4-125		2.73	20.7	
Trichlorofluoromethane	10.9		"	10.0	ND	109	78.7-127		6.46	24.7	
Vinyl Chloride	9.43		"	10.0	ND	94.3	72.1-116		7.14	24.9	
Surrogate: 1,2-Dichloroethane-d4	*9.19*		*"*	*10.0*		*91.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0807-01	GWQ112712:1435NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-02	GWQ112712:1055NP1-1-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-03	GWQ112712:1415NP1-1-5	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-04	GWQ112712:1328NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-05	GWQ112712:1310NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-06	GWQ112712:1235NP1-1-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0807-07	GWQ112712:1140NP1-1-9	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

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

York Project No. 12K0807

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

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

Tom Robson
Samples Collected/Authorized By (Signature)
Tom Robson
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEPSewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDECSewer	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)
GWQ112712:1435NPI-1-2	11/27/12@1435	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1055NPI-1-3	1055	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1415NPI-1-5	1415	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1328NPI-1-6	1328	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1310NPI-1-7	1310	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1310NPI-1-7MS	1310	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1310NPI-1-7MSD	1310	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1235NPI-1-8	1235	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA
GWQ112712:1140NPI-1-9	1140	GW	VOC 8260 full list (EPA SW846-8260B)	2x VOA

Comments

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

Tom Robson	11/28/12 1545	TC Field	11/28/12 1575
Samples Relinquished By	Date/Time	Samples Received By	Date/Time
			11/28/12-1620
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: 4.2 °C

APPENDIX III

NOVEMBER 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 Komuves-Sandor

Report Date: 12/06/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0808

Report Date: 12/06/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12K0808

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

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 28, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12K0808-01	AQ112712:1300NP4-1	Vapor Extraction	11/27/2012	11/28/2012
12K0808-02	AQ112712:1305NP4-2	Vapor Extraction	11/27/2012	11/28/2012
12K0808-03	AQ112712:1310NP4-3	Vapor Extraction	11/27/2012	11/28/2012

General Notes for York Project (SDG) No.: 12K0808

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

Approved By: 

Date: 12/06/2012

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: AQ112712:1300NP4-1 **York Sample ID:** 12K0808-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:00 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.84	0.84	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.2	1.2	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
79-01-6	Trichloroethylene	**2.0**		ug/m³	0.44	0.44	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	0.75	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	0.66	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
108-88-3	Toluene	**1.3**		ug/m³	0.62	0.62	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
109-99-9	Tetrahydrofuran	**1.0**		ug/m³	0.49	0.49	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
127-18-4	Tetrachloroethylene	**19**		ug/m³	1.1	1.1	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
100-42-5	Styrene	ND		ug/m³	0.70	0.70	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
115-07-01	Propylene	ND		ug/m³	0.28	0.28	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.1	4.1	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
1330-20-7P/M	p- & m- Xylenes	**1.8**		ug/m³	0.72	0.72	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
95-47-6	o-Xylene	**0.86**		ug/m³	0.72	0.72	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
110-54-3	n-Hexane	ND		ug/m³	0.58	0.58	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
142-82-5	n-Heptane	ND		ug/m³	0.68	0.68	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-09-2	Methylene chloride	**1.5**		ug/m³	0.57	0.57	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	**1.1**		ug/m³	0.59	0.59	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.68	0.68	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
67-63-0	Isopropanol	ND		ug/m³	0.41	0.41	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
100-41-4	Ethyl Benzene	**0.86**		ug/m³	0.72	0.72	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.60	0.60	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
110-82-7	Cyclohexane	ND		ug/m³	0.57	0.57	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	0.75	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
156-59-2	cis-1,2-Dichloroethylene	**1.0**		ug/m³	0.66	0.66	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
74-87-3	Chloromethane	ND		ug/m³	0.34	0.34	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
67-66-3	Chloroform	**1.9**		ug/m³	0.81	0.81	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-00-3	Chloroethane	ND		ug/m³	0.44	0.44	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.52	0.52	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-15-0	Carbon disulfide	**3.3**		ug/m³	0.51	0.51	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
74-83-9	Bromomethane	ND		ug/m³	0.64	0.64	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.0	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.86	0.86	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
71-43-2	Benzene	**1.1**		ug/m³	0.53	0.53	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD

Sample Information

Client Sample ID: AQ112712:1300NP4-1 **York Sample ID:** 12K0808-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:00 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**7.8**		ug/m³	0.39	0.39	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
591-78-6	2-Hexanone	ND		ug/m³	1.4	1.4	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
78-93-3	2-Butanone	**3.5**		ug/m³	0.49	0.49	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.0	6.0	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.99	0.99	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.99	0.99	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.72	0.72	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.6	1.6	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.76	0.76	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	0.67	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.99	0.99	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.1	4.1	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.2	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.66	0.66	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	0.67	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.0**		ug/m³	0.93	0.93	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.90	0.90	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.1	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
71-55-6	1,1,1-Trichloroethane	**5.4**		ug/m³	0.90	0.90	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
75-71-8	Dichlorodifluoromethane	**3.0**		ug/m³	0.82	0.82	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.3	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.68	0.68	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.76	0.76	1.625	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 13:51	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: AQ112712:1305NP4-2 **York Sample ID:** 12K0808-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:05 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ112712:1305NP4-2 **York Sample ID:** 12K0808-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:05 pm	11/28/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.90	0.90	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.2	1.2	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
79-01-6	Trichloroethylene	**1.9**		ug/m³	0.47	0.47	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	0.70	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
108-88-3	Toluene	**2.8**		ug/m³	0.66	0.66	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.52	0.52	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
127-18-4	Tetrachloroethylene	**42**		ug/m³	1.2	1.2	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
100-42-5	Styrene	ND		ug/m³	0.75	0.75	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
115-07-01	Propylene	ND		ug/m³	0.30	0.30	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.3	4.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
1330-20-7P/M	p- & m- Xylenes	**5.0**		ug/m³	0.76	0.76	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
95-47-6	o-Xylene	**2.1**		ug/m³	0.76	0.76	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
110-54-3	n-Hexane	ND		ug/m³	0.62	0.62	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
142-82-5	n-Heptane	ND		ug/m³	0.72	0.72	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-09-2	Methylene chloride	**2.0**		ug/m³	0.61	0.61	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	**1.5**		ug/m³	0.63	0.63	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	0.72	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
67-63-0	Isopropanol	ND		ug/m³	0.43	0.43	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
100-41-4	Ethyl Benzene	**1.6**		ug/m³	0.76	0.76	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.63	0.63	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
110-82-7	Cyclohexane	ND		ug/m³	0.60	0.60	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
156-59-2	cis-1,2-Dichloroethylene	**1.6**		ug/m³	0.70	0.70	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
67-66-3	Chloroform	**2.8**		ug/m³	0.86	0.86	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.55	0.55	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-15-0	Carbon disulfide	**7.1**		ug/m³	0.55	0.55	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
74-83-9	Bromomethane	ND		ug/m³	0.68	0.68	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.91	0.91	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
71-43-2	Benzene	**0.84**		ug/m³	0.56	0.56	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
67-64-1	Acetone	**9.8**		ug/m³	0.42	0.42	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD

Sample Information

Client Sample ID: AQ112712:1305NP4-2 **York Sample ID:** 12K0808-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:05 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	1.4	1.4	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
78-93-3	2-Butanone	**2.4**		ug/m³	0.52	0.52	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.76	0.76	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.7	1.7	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	0.81	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	0.71	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.3	4.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	0.70	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-34-3	1,1-Dichloroethane	**3.7**		ug/m³	0.71	0.71	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.0**		ug/m³	0.99	0.99	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	0.96	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
71-55-6	1,1,1-Trichloroethane	**13**		ug/m³	0.96	0.96	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
75-71-8	Dichlorodifluoromethane	**3.3**		ug/m³	0.87	0.87	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.81	0.81	1.726	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 14:41	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*70-130*

Sample Information

Client Sample ID: AQ112712:1310NP4-3 **York Sample ID:** 12K0808-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:10 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ112712:1310NP4-3 **York Sample ID:** 12K0808-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:10 pm	11/28/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.87	0.87	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
108-05-4	Vinyl acetate	ND		ug/m³	1.2	1.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.46	0.46	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.77	0.77	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
108-88-3	Toluene	**0.90**		ug/m³	0.64	0.64	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.50	0.50	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
100-42-5	Styrene	ND		ug/m³	0.72	0.72	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
115-07-01	Propylene	ND		ug/m³	0.29	0.29	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.2	4.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
1330-20-7P/M	p- & m- Xylenes	**1.8**		ug/m³	0.74	0.74	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
95-47-6	o-Xylene	ND		ug/m³	0.74	0.74	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
110-54-3	n-Hexane	ND		ug/m³	0.60	0.60	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
142-82-5	n-Heptane	ND		ug/m³	0.70	0.70	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-09-2	Methylene chloride	**1.9**		ug/m³	0.59	0.59	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	0.61	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.70	0.70	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
67-63-0	Isopropanol	ND		ug/m³	0.42	0.42	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.74	0.74	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.61	0.61	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
110-82-7	Cyclohexane	ND		ug/m³	0.58	0.58	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.77	0.77	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
156-59-2	cis-1,2-Dichloroethylene	**1.3**		ug/m³	0.67	0.67	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
74-87-3	Chloromethane	**1.9**		ug/m³	0.35	0.35	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
67-66-3	Chloroform	**3.1**		ug/m³	0.83	0.83	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-00-3	Chloroethane	ND		ug/m³	0.45	0.45	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.53	0.53	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-15-0	Carbon disulfide	**6.8**		ug/m³	0.53	0.53	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
74-83-9	Bromomethane	ND		ug/m³	0.66	0.66	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.88	0.88	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
71-43-2	Benzene	ND		ug/m³	0.54	0.54	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
67-64-1	Acetone	**6.9**		ug/m³	0.40	0.40	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD

Sample Information

Client Sample ID: AQ112712:1310NP4-3 **York Sample ID:** 12K0808-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12K0808	Rowe Industries	Vapor Extraction	November 27, 2012 1:10 pm	11/28/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/m³	1.4	1.4	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
78-93-3	2-Butanone	**2.7**		ug/m³	0.50	0.50	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
123-91-1	1,4-Dioxane	ND		ug/m³	6.1	6.1	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.74	0.74	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.7	1.7	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	0.78	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.69	0.69	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	4.2	4.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.67	0.67	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-34-3	1,1-Dichloroethane	**4.3**		ug/m³	0.69	0.69	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.7**		ug/m³	0.95	0.95	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.93	0.93	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
71-55-6	1,1,1-Trichloroethane	**15**		ug/m³	0.93	0.93	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
75-71-8	Dichlorodifluoromethane	**3.9**		ug/m³	0.84	0.84	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	0.69	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.78	0.78	1.669	EPA Compendium TO-15	12/05/2012 09:00	12/06/2012 15:32	TD

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

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BL20245 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12K0808-01	AQ112712:1300NP4-1	12/05/12
12K0808-02	AQ112712:1305NP4-2	12/05/12
12K0808-03	AQ112712:1310NP4-3	12/05/12
BL20245-BS1	LCS	12/05/12
BL20245-DUP1	Duplicate	12/05/12

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

York Analytical Laboratories, Inc.

Batch BL20245 - EPA TO15 PREP

LCS (BL20245-BS1) Prepared: 12/05/2012 Analyzed: 12/06/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Vinyl Chloride	10.2		ppbv	10.1		101	70-130				
Vinyl acetate	4.63		"	9.70		47.7	58.1-135	Low Bias			
Trichloroethylene	9.56		"	10.2		93.7	70-130				
trans-1,3-Dichloropropylene	8.01		"	9.90		80.9	62-135				
trans-1,2-Dichloroethylene	8.94		"	9.50		94.1	58.3-130				
Toluene	11.0		"	10.8		102	64.9-126				
Tetrahydrofuran	10.6		"	10.2		104	44.6-146				
Tetrachloroethylene	10.2		"	10.5		97.0	70-130				
Styrene	12.4		"	10.7		115	66.4-132				
Propylene	11.3		"	11.0		103	62.4-150				
p-Ethyltoluene	12.5		"	10.4		120	73.8-146				
p- & m- Xylenes	23.8		"	21.0		113	56.6-136				
o-Xylene	12.5		"	10.8		115	67.8-133				
n-Hexane	10.1		"	10.3		97.8	59.7-130				
n-Heptane	10.4		"	10.4		99.6	62.3-134				
Methylene chloride	8.76		"	10.0		87.6	62.6-130				
Methyl tert-butyl ether (MTBE)	10.3		"	10.2		101	60.7-139				
4-Methyl-2-pentanone	10.2		"	10.0		102	64.5-158				
Isopropanol	6.20		"	9.90		62.6	60-150				
Hexachlorobutadiene	7.74		"	11.0		70.4	61.2-150				
Ethyl Benzene	12.1		"	10.7		113	68.4-125				
Ethyl acetate	12.5		"	10.0		125	40.6-150				
Cyclohexane	9.75		"	10.2		95.6	60.4-127				
cis-1,3-Dichloropropylene	9.46		"	10.7		88.4	65.5-129				
cis-1,2-Dichloroethylene	9.35		"	10.5		89.0	51.3-118				
Chloromethane	9.84		"	10.1		97.4	64.9-130				
Chloroform	9.34		"	10.0		93.4	65.1-130				
Chloroethane	10.7		"	10.1		106	52.1-131				
Carbon tetrachloride	8.42		"	10.1		83.4	70-130				
Carbon disulfide	8.98		"	10.0		89.8	61.8-111				
Bromomethane	8.46		"	10.2		82.9	60.1-140				
Bromoform	12.2		"	10.5		116	58.7-150				
Bromodichloromethane	10.3		"	10.2		101	65.3-127				
Benzyl chloride	6.14		"	10.2		60.2	62.5-150	Low Bias			
Benzene	9.63		"	10.4		92.6	69.5-130				
Acetone	9.47		"	10.0		94.7	55.3-133				
2-Hexanone	8.69		"	10.1		86.0	52-150				
2-Butanone	8.83		"	10.0		88.3	28.5-154				
1,4-Dioxane	11.2		"	10.2		109	50-150				
1,4-Dichlorobenzene	12.2		"	10.6		115	62.5-139				
1,3-Dichlorobenzene	11.9		"	10.2		116	71.9-153				
1,3-Butadiene	10.7		"	10.5		102	66.7-127				
1,3,5-Trimethylbenzene	12.4		"	10.6		117	65-152				
1,2-Dichlorotetrafluoroethane	9.89		"	10.1		97.9	63.3-129				
1,2-Dichloropropane	10.1		"	10.7		94.0	21.3-152				
1,2-Dichloroethane	9.85		"	10.4		94.7	51.2-124				
1,2-Dichlorobenzene	11.9		"	10.6		112	63.7-148				
1,2,4-Trimethylbenzene	12.8		"	10.7		120	67.9-152				
1,2,4-Trichlorobenzene	8.25		"	11.0		75.0	58-147				
1,1-Dichloroethylene	9.31		"	9.80		95.0	58.1-130				
1,1-Dichloroethane	9.63		"	10.2		94.4	63.3-130				
Trichlorofluoromethane (Freon 11)	9.37		"	10.5		89.2	56-132				
1,1,2-Trichloroethane	10.6		"	10.7		98.7	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.07		"	9.70		93.5	60.2-125				

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 BL20245 - EPA TO15 PREP											
LCS (BL20245-BS1)									Prepared: 12/05/2012 Analyzed: 12/06/2012		
1,1,2,2-Tetrachloroethane	12.0		ppbv	10.8		111	63.7-132				
1,1,1-Trichloroethane	9.78		"	10.4		94.0	58.2-126				
Dichlorodifluoromethane	9.38		"	10.0		93.8	62.8-133				
1,2-Dibromoethane	9.81		"	10.6		92.5	70-130				
Dibromochloromethane	11.1		"	10.6		105	70-130				
Methyl Methacrylate	9.68		"	10.1		95.8	70-130				
Chlorobenzene	11.5		"	10.8		106	67.6-122				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*70-130*				
Duplicate (BL20245-DUP1)	*Source sample: 12K0808-01 (AQ112712:1300NP4-1)								Prepared: 12/05/2012 Analyzed: 12/06/2012		
Vinyl Chloride	ND	0.84	ug/m³		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Trichloroethylene	1.7	0.44	"		2.0				14.6	25	
trans-1,3-Dichloropropylene	ND	0.75	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.66	"		ND					25	
Toluene	1.1	0.62	"		1.3				15.4	25	
Tetrahydrofuran	0.97	0.49	"		1.0				4.88	25	
Tetrachloroethylene	17	1.1	"		19				11.5	25	
Styrene	ND	0.70	"		ND					25	
Propylene	ND	0.28	"		ND					25	
p-Ethyltoluene	ND	4.1	"		ND					25	
p- & m- Xylenes	1.5	0.72	"		1.8				17.4	25	
o-Xylene	ND	0.72	"		0.86					25	
n-Hexane	ND	0.58	"		ND					25	
n-Heptane	ND	0.68	"		ND					25	
Methylene chloride	1.4	0.57	"		1.5				3.92	25	
Methyl tert-butyl ether (MTBE)	1.0	0.59	"		1.1				5.71	25	
4-Methyl-2-pentanone	ND	0.68	"		ND					25	
Isopropanol	ND	0.41	"		ND					25	
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	ND	0.72	"		0.86					25	
Ethyl acetate	ND	0.60	"		ND					25	
Cyclohexane	ND	0.57	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.75	"		ND					25	
cis-1,2-Dichloroethylene	0.98	0.66	"		1.0				6.45	25	
Chloromethane	ND	0.34	"		ND					25	
Chloroform	1.8	0.81	"		1.9				4.44	25	
Chloroethane	ND	0.44	"		ND					25	
Carbon tetrachloride	ND	0.52	"		ND					25	
Carbon disulfide	5.7	0.51	"		3.3				51.4	25	Non-dir.
Bromomethane	ND	0.64	"		ND					25	
Bromoform	ND	1.7	"		ND					25	
Bromodichloromethane	ND	1.0	"		ND					25	
Benzyl chloride	ND	0.86	"		ND					25	
Benzene	1.0	0.53	"		1.1				5.13	25	
Acetone	7.5	0.39	"		7.8				3.58	25	
2-Hexanone	ND	1.4	"		ND					25	
2-Butanone	3.3	0.49	"		3.5				5.71	25	
1,4-Dioxane	ND	6.0	"		ND					25	
1,4-Dichlorobenzene	ND	0.99	"		ND					25	
1,3-Dichlorobenzene	ND	0.99	"		ND					25	
1,3-Butadiene	ND	0.72	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.6	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		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 BL20245 - EPA TO15 PREP											
Duplicate (BL20245-DUP1)	*Source sample: 12K0808-01 (AQ112712:1300NP4-1)								Prepared: 12/05/2012 Analyzed: 12/06/2012		
1,2-Dichloropropane	ND	0.76	ug/m³		ND					25	
1,2-Dichloroethane	ND	0.67	"		ND					25	
1,2-Dichlorobenzene	ND	0.99	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.1	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.2	"		ND					25	
1,1-Dichloroethylene	ND	0.66	"		ND					25	
1,1-Dichloroethane	ND	0.67	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.9	0.93	"		2.0				4.88	25	
1,1,2-Trichloroethane	ND	0.90	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.1	"		ND					25	
1,1,1-Trichloroethane	5.2	0.90	"		5.4				3.39	25	
Dichlorodifluoromethane	3.0	0.82	"		3.0				0.00	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.3	"		ND					25	
Methyl Methacrylate	ND	0.68	"		ND					25	
Chlorobenzene	ND	0.76	"		ND					25	
Surrogate: p-Bromofluorobenzene	*9.87*		*ppbv*	*10.0*		*98.7*	*70-130*				

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.

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

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

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

NR Not reported

RPD Relative Percent Difference

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

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

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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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

York Project No. 12K0808

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.** HABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	NJDEP Reduced
					Electronic Deliverables:
					EDD (Specify Type)
					Standard Excel X
					Regulatory Comparison Excel

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

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Air Matrix Codes

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

TO15 Volatiles and Other Gas Analyses

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

Detection Limits Required

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

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ112712 1300NP4-1	11/27/12 1300	AE			EPA TO-15 List.	6 Liter Summa canister ___ Tedlar Bag ___
AQ112712 1305NP4-2	↓ 1305	AE			↓	6 Liter Summa canister ___ Tedlar Bag ___
AQ112712 1310NP4-3	↓ 1310	AE			↓	6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments

Tom Robson — Samples Relinquished By — 11/28/12 1545 — Date/Time

Samples Relinquished By — Date/Time

TC Hall — Samples Received By — 11/28/12 1545 — Date/Time

J. Hall — Samples Received in LAB by — 11/28/12 1620 — Date/Time