TABLE 2

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

Effluent Water Quality Results

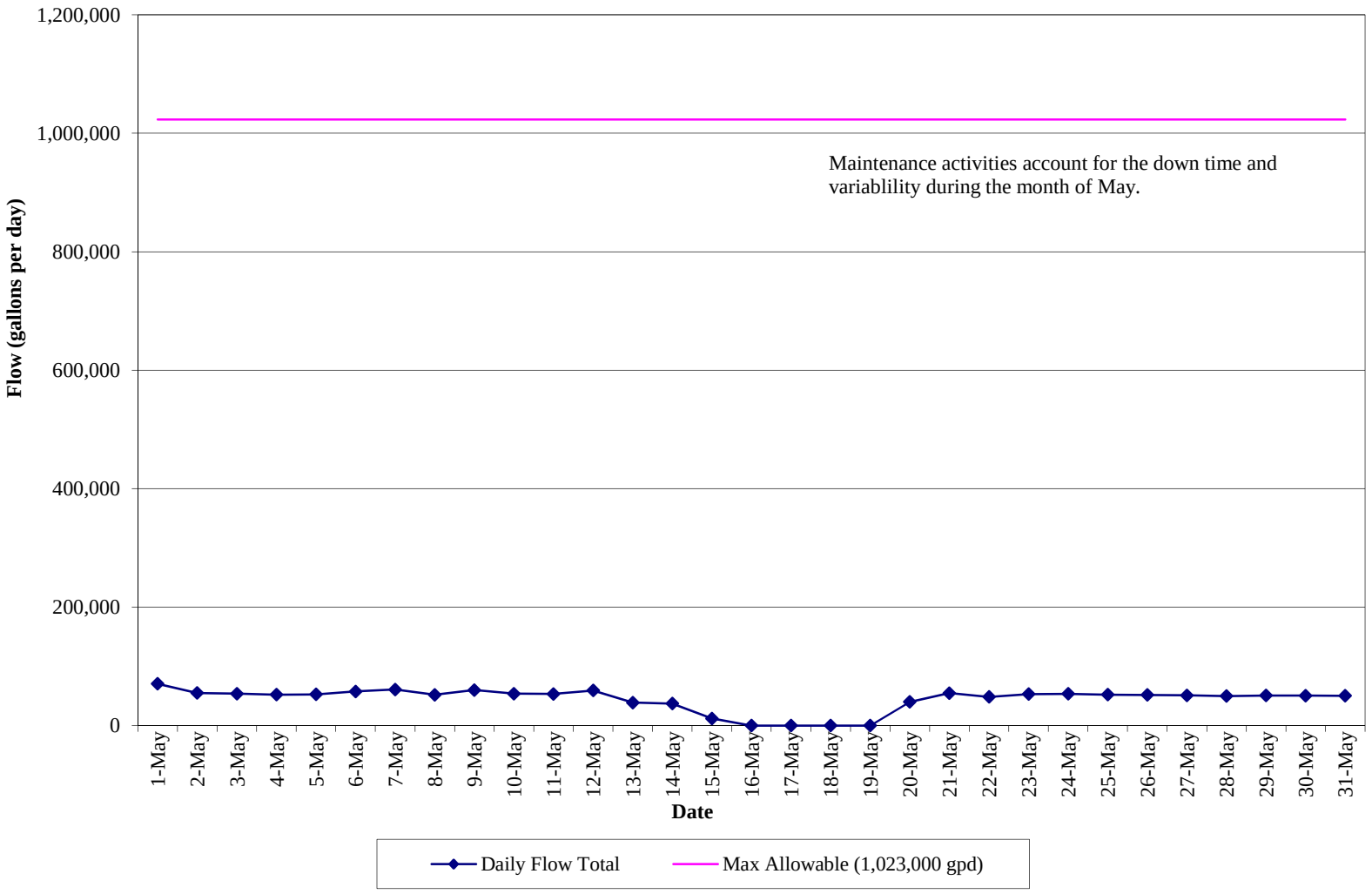
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
8-May-14	7.0	138	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J	ND<0.5	ND<0.5	ND<0.5	0.81	0.104
20-May-14	7.5	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	39.10	0.133

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
(May 1, 2014 to May 31, 2014)



APPENDIX I

MAY 2014 LABORATORY ANALYTICAL REPORTS FOR FSP&T SYSTEM

Technical Report

prepared for:

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

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0463

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0463

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 May 12, 2014 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
14E0463-01	WQ050814:0910NP2-10	Water	05/08/2014	05/12/2014
14E0465-01	WQ050814:0900NP2-6	Water	05/08/2014	05/12/2014
14E0465-02	WQ050814:0905NP2-7	Water	05/08/2014	05/12/2014

General Notes for York Project (SDG) No.: 14E0463

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: 05/19/2014

Benjamin Gulizia
Laboratory Director

YORK ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: **WQ050814:0910NP2-10** **York Sample ID:** **14E0463-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0463	Rowe Industries	Water	May 8, 2014 9:10 am	05/12/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS

Sample Information

Client Sample ID: WQ050814:0910NP2-10 **York Sample ID:** 14E0463-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0463	Rowe Industries	Water	May 8, 2014 9:10 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-09-2	**Methylene chloride**	**1.4**	J	ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Sample Information

Client Sample ID: **WQ050814:0910NP2-10** **York Sample ID:** **14E0463-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0463	Rowe Industries	Water	May 8, 2014 9:10 am	05/12/2014

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.813**		mg/L	0.0146	0.0200	1	EPA 200.7	05/14/2014 17:37	05/15/2014 06:00	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.104**		mg/L	0.0200	0.0200	1	EPA 6010C	05/14/2014 17:32	05/15/2014 04:00	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**138**		mg/L	10.0	10.0	1	SM 2540C	05/15/2014 16:27	05/15/2014 16:27	MF

Sample Information

Client Sample ID: **WQ050814:0900NP2-6** **York Sample ID:** **14E0465-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
71-55-6	**1,1,1-Trichloroethane**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS

Sample Information

Client Sample ID: WQ050814:0900NP2-6 **York Sample ID:** 14E0465-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.70**		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-09-2	**Methylene chloride**	**1.7**	J	ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS

Sample Information

Client Sample ID: WQ050814:0900NP2-6 **York Sample ID:** 14E0465-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
127-18-4	**Tetrachloroethylene**	**6.6**		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
79-01-6	**Trichloroethylene**	**0.54**		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/14/2014 15:53	05/14/2014 23:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.86**		mg/L	0.0146	0.0200	1	EPA 200.7	05/14/2014 17:37	05/15/2014 06:18	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0200	0.0200	1	EPA 6010C	05/14/2014 17:32	05/15/2014 04:31	MW

Sample Information

Client Sample ID: WQ050814:0905NP2-7 **York Sample ID:** 14E0465-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:05 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS

Sample Information

Client Sample ID: WQ050814:0905NP2-7 **York Sample ID:** 14E0465-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:05 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-09-2	**Methylene chloride**	**1.5**	J	ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/14/2014 15:53	05/15/2014 00:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Sample Information

Client Sample ID: WQ050814:0905NP2-7 **York Sample ID:** 14E0465-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0465	Rowe Industries	Water	May 8, 2014 9:05 am	05/12/2014

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.34**		mg/L	0.0146	0.0200	1	EPA 200.7	05/14/2014 17:37	05/15/2014 06:23	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.129**		mg/L	0.0200	0.0200	1	EPA 6010C	05/14/2014 17:32	05/15/2014 04:36	MW

Analytical Batch Summary

Batch ID: BE40804 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14E0463-01	WQ050814:0910NP2-10	05/14/14
14E0465-01	WQ050814:0900NP2-6	05/14/14
14E0465-02	WQ050814:0905NP2-7	05/14/14
BE40804-BLK1	Blank	05/14/14
BE40804-DUP1	Duplicate	05/14/14
BE40804-MS1	Matrix Spike	05/14/14
BE40804-SRM1	Reference	05/14/14

Batch ID: BE40805 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14E0463-01	WQ050814:0910NP2-10	05/14/14
14E0465-01	WQ050814:0900NP2-6	05/14/14
14E0465-02	WQ050814:0905NP2-7	05/14/14
BE40805-BLK1	Blank	05/14/14
BE40805-DUP1	Duplicate	05/14/14
BE40805-MS1	Matrix Spike	05/14/14
BE40805-SRM1	Reference	05/14/14

Batch ID: BE40813 **Preparation Method:** EPA 5030B **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
14E0463-01	WQ050814:0910NP2-10	05/14/14
14E0465-01	WQ050814:0900NP2-6	05/14/14
14E0465-02	WQ050814:0905NP2-7	05/14/14
BE40813-BLK1	Blank	05/14/14
BE40813-BS1	LCS	05/14/14
BE40813-BSD1	LCS Dup	05/14/14

Batch ID: BE40880 **Preparation Method:** % Solids Prep **Prepared By:** MF

YORK Sample ID	Client Sample ID	Preparation Date
14E0463-01	WQ050814:0910NP2-10	05/15/14
BE40880-BLK1	Blank	05/15/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40813 - EPA 5030B											
Blank (BE40813-BLK1)											Prepared & Analyzed: 05/14/2014
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.38	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.30	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	1.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40813 - EPA 5030B											
Blank (BE40813-BLK1)								Prepared & Analyzed: 05/14/2014			
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-128*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*88-114*				
LCS (BE40813-BS1)								Prepared & Analyzed: 05/14/2014			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	85-118				
1,1,1-Trichloroethane	10.3		"	10.0		103	74-128				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	51-157				
1,1,2-Trichloroethane	10.3		"	10.0		103	80-122				
1,1-Dichloroethane	10.9		"	10.0		109	70-131				
1,1-Dichloroethylene	10.5		"	10.0		105	60-143				
1,1-Dichloropropylene	10.3		"	10.0		103	78-122				
1,2,3-Trichlorobenzene	11.3		"	10.0		113	68-140				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-125				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	65-143				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	83-121				
1,2-Dibromo-3-chloropropane	9.28		"	10.0		92.8	60-146				
1,2-Dibromoethane	10.4		"	10.0		104	82-122				
1,2-Dichlorobenzene	10.6		"	10.0		106	85-115				
1,2-Dichloroethane	10.5		"	10.0		105	72-126				
1,2-Dichloropropane	10.7		"	10.0		107	78-119				
1,3,5-Trimethylbenzene	11.1		"	10.0		111	84-118				
1,3-Dichlorobenzene	10.6		"	10.0		106	83-117				
1,3-Dichloropropane	10.4		"	10.0		104	79-121				
1,4-Dichlorobenzene	10.7		"	10.0		107	83-118				
2,2-Dichloropropane	9.39		"	10.0		93.9	60-135				
2-Chlorotoluene	10.8		"	10.0		108	81-118				
2-Hexanone	11.0		"	10.0		110	50-151				
4-Chlorotoluene	10.7		"	10.0		107	81-117				
Acetone	9.54		"	10.0		95.4	21-172				
Benzene	10.5		"	10.0		105	82-120				
Bromobenzene	11.2		"	10.0		112	82-119				
Bromochloromethane	10.9		"	10.0		109	69-125				
Bromodichloromethane	10.8		"	10.0		108	84-117				
Bromoform	10.6		"	10.0		106	77-130				
Bromomethane	9.57		"	10.0		95.7	16-162				
Carbon tetrachloride	10.2		"	10.0		102	72-132				
Chlorobenzene	10.5		"	10.0		105	88-112				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40813 - EPA 5030B											
LCS (BE40813-BS1)							Prepared & Analyzed: 05/14/2014				
Chloroethane	9.64		ug/L	10.0		96.4	29-172				
Chloroform	10.7		"	10.0		107	77-124				
Chloromethane	10.6		"	10.0		106	37-131				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	77-124				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	81-117				
Dibromochloromethane	10.4		"	10.0		104	72-131				
Dibromomethane	10.6		"	10.0		106	85-116				
Dichlorodifluoromethane	10.0		"	10.0		100	47-152				
Ethyl Benzene	10.9		"	10.0		109	86-114				
Hexachlorobutadiene	10.7		"	10.0		107	68-139				
Isopropylbenzene	11.0		"	10.0		110	84-118				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	49-156				
Methylene chloride	11.9		"	10.0		119	51-145				
Naphthalene	11.9		"	10.0		119	67-141				
n-Butylbenzene	10.8		"	10.0		108	76-125				
n-Propylbenzene	10.9		"	10.0		109	84-118				
o-Xylene	11.2		"	10.0		112	85-114				
p- & m- Xylenes	22.1		"	20.0		111	84-117				
p-Isopropyltoluene	11.0		"	10.0		110	84-121				
sec-Butylbenzene	11.1		"	10.0		111	85-119				
Styrene	11.2		"	10.0		112	77-126				
tert-Butylbenzene	11.0		"	10.0		110	83-119				
Tetrachloroethylene	10.1		"	10.0		101	75-129				
Toluene	10.6		"	10.0		106	86-113				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	55-148				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	77-120				
Trichloroethylene	10.6		"	10.0		106	85-115				
Trichlorofluoromethane	10.1		"	10.0		101	69-131				
Vinyl Chloride	10.9		"	10.0		109	44-152				
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*70-128*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*88-114*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40813 - EPA 5030B											
LCS Dup (BE40813-BSD1)							Prepared & Analyzed: 05/14/2014				
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	85-118		1.88	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	74-128		0.389	30	
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	71-130		1.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.64		"	10.0		96.4	51-157		3.16	30	
1,1,2-Trichloroethane	10.3		"	10.0		103	80-122		0.194	30	
1,1-Dichloroethane	10.7		"	10.0		107	70-131		2.13	30	
1,1-Dichloroethylene	10.2		"	10.0		102	60-143		2.62	30	
1,1-Dichloropropylene	10.3		"	10.0		103	78-122		0.194	30	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	68-140		2.51	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-125		2.93	30	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	65-143		1.55	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	83-121		3.75	30	
1,2-Dibromo-3-chloropropane	9.13		"	10.0		91.3	60-146		1.63	30	
1,2-Dibromoethane	10.2		"	10.0		102	82-122		2.14	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	85-115		2.50	30	
1,2-Dichloroethane	10.4		"	10.0		104	72-126		1.05	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-119		0.187	30	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	84-118		3.57	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	83-117		1.62	30	
1,3-Dichloropropane	10.4		"	10.0		104	79-121		0.00	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	83-118		2.46	30	
2,2-Dichloropropane	8.93		"	10.0		89.3	60-135		5.02	30	
2-Chlorotoluene	10.6		"	10.0		106	81-118		2.25	30	
2-Hexanone	10.0		"	10.0		100	50-151		8.86	30	
4-Chlorotoluene	10.6		"	10.0		106	81-117		0.843	30	
Acetone	10.0		"	10.0		100	21-172		4.91	30	
Benzene	10.6		"	10.0		106	82-120		0.285	30	
Bromobenzene	10.3		"	10.0		103	82-119		8.64	30	
Bromochloromethane	11.0		"	10.0		110	69-125		0.638	30	
Bromodichloromethane	10.4		"	10.0		104	84-117		3.59	30	
Bromoform	10.2		"	10.0		102	77-130		3.65	30	
Bromomethane	8.83		"	10.0		88.3	16-162		8.04	30	
Carbon tetrachloride	10.3		"	10.0		103	72-132		0.976	30	
Chlorobenzene	10.4		"	10.0		104	88-112		1.82	30	
Chloroethane	9.98		"	10.0		99.8	29-172		3.47	30	
Chloroform	10.6		"	10.0		106	77-124		1.32	30	
Chloromethane	10.4		"	10.0		104	37-131		1.62	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	77-124		1.22	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	81-117		2.22	30	
Dibromochloromethane	10.6		"	10.0		106	72-131		1.91	30	
Dibromomethane	10.6		"	10.0		106	85-116		0.189	30	
Dichlorodifluoromethane	9.92		"	10.0		99.2	47-152		1.30	30	
Ethyl Benzene	10.7		"	10.0		107	86-114		2.13	30	
Hexachlorobutadiene	10.6		"	10.0		106	68-139		0.844	30	
Isopropylbenzene	10.7		"	10.0		107	84-118		3.13	30	
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	49-156		1.24	30	
Methylene chloride	11.4		"	10.0		114	51-145		4.04	30	
Naphthalene	11.8		"	10.0		118	67-141		1.35	30	
n-Butylbenzene	10.5		"	10.0		105	76-125		2.34	30	
n-Propylbenzene	10.6		"	10.0		106	84-118		2.97	30	
o-Xylene	10.9		"	10.0		109	85-114		2.98	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40813 - EPA 5030B											
LCS Dup (BE40813-BSD1)								Prepared & Analyzed: 05/14/2014			
p- & m- Xylenes	21.5		ug/L	20.0		108	84-117		2.84	30	
p-Isopropyltoluene	10.6		"	10.0		106	84-121		3.52	30	
sec-Butylbenzene	10.7		"	10.0		107	85-119		3.22	30	
Styrene	10.9		"	10.0		109	77-126		2.98	30	
tert-Butylbenzene	10.9		"	10.0		109	83-119		1.64	30	
Tetrachloroethylene	9.88		"	10.0		98.8	75-129		2.60	30	
Toluene	10.2		"	10.0		102	86-113		4.15	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	55-148		2.76	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	77-120		7.22	30	
Trichloroethylene	10.2		"	10.0		102	85-115		3.56	30	
Trichlorofluoromethane	9.85		"	10.0		98.5	69-131		2.21	30	
Vinyl Chloride	10.9		"	10.0		109	44-152		0.459	30	
Surrogate: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-128*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*88-114*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40804 - EPA 3010A											
Blank (BE40804-BLK1)									Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE40804-DUP1)	*Source sample: 14E0463-01 (WQ050814:0910NP2-10)								Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron - Dissolved	0.103	0.0200	mg/L		0.104				0.832	20	
Matrix Spike (BE40804-MS1)	*Source sample: 14E0463-01 (WQ050814:0910NP2-10)								Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron - Dissolved	1.14	0.0200	mg/L	1.00	0.104	103	75-125				
Reference (BE40804-SRM1)									Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron - Dissolved	0.316	0.0200	mg/L	0.322		98.2	87.3-115				
Batch BE40805 - EPA 3010A											
Blank (BE40805-BLK1)									Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron	ND	0.0200	mg/L								
Duplicate (BE40805-DUP1)	*Source sample: 14E0463-01 (WQ050814:0910NP2-10)								Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron	0.803	0.0200	mg/L		0.813				1.22	20	
Matrix Spike (BE40805-MS1)	*Source sample: 14E0463-01 (WQ050814:0910NP2-10)								Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron	1.78	0.0200	mg/L	1.00	0.813	96.7	75-125				
Reference (BE40805-SRM1)									Prepared: 05/14/2014 Analyzed: 05/15/2014		
Iron	0.330	0.0200	mg/L	0.322		103	87.3-115				

Miscellaneous Physical 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 BE40880 - % Solids Prep											
Blank (BE40880-BLK1)									Prepared & Analyzed: 05/15/2014		
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0463-01	WQ050814:0910NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0465-01	WQ050814:0900NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0465-02	WQ050814:0905NP2-7	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/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES
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. 14E0463

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG	SAME [X]	SAME [X]	Rowe Industries	RUSH-Same Day	Summary Report X, PDF
Address: 4 Research Drive	Name:	Name:		RUSH-Next Day	QA Report X, PDF
Suite 301, Shelton CT 06484	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 203.929.8555	Address:	Address:	NABSAG	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Tunde Sandor				RUSH-Four Day	NY ASP A Package
E-mail: Tsandor@lbgct.com	E-mail:	E-mail	Samples from CT__NY x_NJ__	Standard (5-7day) X	NY ASP B Package X, PDF
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

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

Samples Collected/Authorized By (Signature)

Tunde Komuves-Sandor.
Name (printed)

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

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

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
WQ050814-0940MP2-6	5-8-14 9:40	GW	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	3v 2
WQ050814-0945MP2-7	9:45		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	3v 2
WQ050814-0910MP2-10	9:10		Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS	3v 3

Comments:

(system)

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Dashae Davis — Samples Relinquished By — 5/12/14 10:21 — Date/Time
Samples Relinquished By — Date/Time

Samples Received By — 5/12/14 1021 — Date/Time
Grace — Samples Received in LAB by — 5-12-14 1200 — Date/Time

Temperature on Receipt: 3.4 °C

York Analytical Laboratories
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. 14E0465

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG	SAME [X]	SAME [X]	Rowe Industries	RUSH-Same Day ___	Summary Report X, PDF
Address: 4 Research Drive	Name:	Name:		RUSH-Next Day ___	QA Report X, PDF
Suite 301, Shelton CT 06484	Company:	Company:	Purchase Order #	RUSH-Two Day ___	CT RCP ___
Phone.: 203.929.8555	Address:	Address:	NABSAG	RUSH-Three Day ___	CT RCP DQA/DUE Pkg ___
Contact: Tunde Sandor				RUSH-Four Day ___	NY ASP A Package ___
E-mail: Tsandor@lbgct.com	E-mail:	E-mail	Samples from CT__ NY x NJ__	Standard (5-7day) X	NY ASP B Package X, PDF

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): Tunde Komuves-Sandor

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

NJDEP Reduced Deliv
Excel X
NYSDEC EQuIS
NJDEP SRP HazSite EQuIS
GIS/KEY (std)
YORK Regulatory Comp Excel
compared to:
OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
WQ050814:0900NP2-6	5-8-14 9:00	GW	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	3v 2
WQ050814:0945NP2-7	↓ 9:45	↓	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113	3v 2
WQ050814:0910NP2-10	↓ 9:10	↓	Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS	3v 3

Comments:

Preservation (check all 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	Temperature on Receipt
[signature]	5/12/14 10:21	[signature]	5/12/14 10:21	3.4 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	5-12-14 1200	

(system)

Technical Report

prepared for:

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

Report Date: 05/30/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0931

Report Date: 05/30/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0931

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 May 22, 2014 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
14E0931-01	WQ052014:910NP2-10	Water	05/20/2014	05/22/2014
14E0933-01	WQ052014:900NP2-6	Water	05/20/2014	05/22/2014
14E0933-02	WQ052014:905NP2-7	Water	05/20/2014	05/22/2014

General Notes for York Project (SDG) No.: 14E0931

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: 05/30/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ052014:910NP2-10** **York Sample ID:** **14E0931-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0931	Rowe Industries	Water	May 20, 2014 9:10 am	05/22/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
67-64-1	**Acetone**	**2.2**	CCV-E	ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK

Sample Information

Client Sample ID: WQ052014:910NP2-10 **York Sample ID:** 14E0931-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0931	Rowe Industries	Water	May 20, 2014 9:10 am	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 15:30	05/29/2014 22:39	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.0 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*88-114*

Sample Information

Client Sample ID: WQ052014:910NP2-10 **York Sample ID:** 14E0931-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0931	Rowe Industries	Water	May 20, 2014 9:10 am	05/22/2014

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**39.1**		mg/L	0.0146	0.0200	1	EPA 200.7	05/28/2014 12:37	05/28/2014 22:58	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.133**		mg/L	0.0200	0.0200	1	EPA 6010C	05/28/2014 11:42	05/28/2014 20:24	MW

Total Dissolved Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**105**		mg/L	10.0	10.0	1	SM 2540C	05/27/2014 13:41	05/27/2014 13:41	MF

Sample Information

Client Sample ID: WQ052014:900NP2-6 **York Sample ID:** 14E0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:00 am	05/22/2014

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK

Sample Information

Client Sample ID: WQ052014:900NP2-6 **York Sample ID:** 14E0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:00 am	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
67-64-1	**Acetone**	**1.8**	J	ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
156-59-2	**cis-1,2-Dichloroethylene**	**0.90**		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK

Sample Information

Client Sample ID: WQ052014:900NP2-6 **York Sample ID:** 14E0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:00 am	05/22/2014

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
127-18-4	**Tetrachloroethylene**	**3.2**		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
79-01-6	**Trichloroethylene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:16	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*88-114*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**33.3**		mg/L	0.0146	0.0200	1	EPA 200.7	05/28/2014 12:37	05/28/2014 23:13	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0980**		mg/L	0.0200	0.0200	1	EPA 6010C	05/28/2014 11:42	05/28/2014 21:20	MW

Sample Information

Client Sample ID: WQ052014:905NP2-7 **York Sample ID:** 14E0933-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:05 am	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
67-64-1	**Acetone**	**2.4**		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK

Sample Information

Client Sample ID: WQ052014:905NP2-7 **York Sample ID:** 14E0933-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:05 am	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 08:31	05/29/2014 16:51	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*88-114*

Sample Information

Client Sample ID: WQ052014:905NP2-7 **York Sample ID:** 14E0933-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0933	Rowe Industries	Water	May 20, 2014 9:05 am	05/22/2014

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**25.8**		mg/L	0.0146	0.0200	1	EPA 200.7	05/28/2014 12:37	05/28/2014 23:18	MW

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.116**		mg/L	0.0200	0.0200	1	EPA 6010C	05/28/2014 11:42	05/28/2014 21:25	MW

Analytical Batch Summary

Batch ID: BE41401 **Preparation Method:** % Solids Prep **Prepared By:** MF

YORK Sample ID	Client Sample ID	Preparation Date
14E0931-01	WQ052014:910NP2-10	05/27/14
BE41401-BLK1	Blank	05/27/14

Batch ID: BE41475 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14E0931-01	WQ052014:910NP2-10	05/28/14
14E0933-01	WQ052014:900NP2-6	05/28/14
14E0933-02	WQ052014:905NP2-7	05/28/14
BE41475-BLK1	Blank	05/28/14
BE41475-DUP1	Duplicate	05/28/14
BE41475-MS1	Matrix Spike	05/28/14
BE41475-SRM1	Reference	05/28/14

Batch ID: BE41476 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14E0931-01	WQ052014:910NP2-10	05/28/14
14E0933-01	WQ052014:900NP2-6	05/28/14
14E0933-02	WQ052014:905NP2-7	05/28/14
BE41476-BLK1	Blank	05/28/14
BE41476-SRM1	Reference	05/28/14

Batch ID: BE41556 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0933-01	WQ052014:900NP2-6	05/29/14
14E0933-02	WQ052014:905NP2-7	05/29/14
BE41556-BLK1	Blank	05/29/14
BE41556-BS1	LCS	05/29/14
BE41556-BSD1	LCS Dup	05/29/14

Batch ID: BE41593 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0931-01	WQ052014:910NP2-10	05/29/14
BE41593-BLK1	Blank	05/29/14
BE41593-BS1	LCS	05/29/14
BE41593-BSD1	LCS Dup	05/29/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
Blank (BE41556-BLK1)											Prepared & Analyzed: 05/29/2014
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
Blank (BE41556-BLK1)							Prepared & Analyzed: 05/29/2014				
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*70-128*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*88-114*				
LCS (BE41556-BS1)							Prepared & Analyzed: 05/29/2014				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	85-118				
1,1,1-Trichloroethane	10.2		"	10.0		102	74-128				
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.90		"	10.0		89.0	51-157				
1,1,2-Trichloroethane	10.2		"	10.0		102	80-122				
1,1-Dichloroethane	10.1		"	10.0		101	70-131				
1,1-Dichloroethylene	9.09		"	10.0		90.9	60-143				
1,1-Dichloropropylene	10.2		"	10.0		102	78-122				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	68-140				
1,2,3-Trichloropropane	9.65		"	10.0		96.5	77-125				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	65-143				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	83-121				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	60-146				
1,2-Dibromoethane	10.3		"	10.0		103	82-122				
1,2-Dichlorobenzene	10.2		"	10.0		102	85-115				
1,2-Dichloroethane	9.90		"	10.0		99.0	72-126				
1,2-Dichloropropane	9.97		"	10.0		99.7	78-119				
1,3,5-Trimethylbenzene	9.81		"	10.0		98.1	84-118				
1,3-Dichlorobenzene	10.4		"	10.0		104	83-117				
1,3-Dichloropropane	10.1		"	10.0		101	79-121				
1,4-Dichlorobenzene	10.3		"	10.0		103	83-118				
2,2-Dichloropropane	10.8		"	10.0		108	60-135				
2-Chlorotoluene	9.80		"	10.0		98.0	81-118				
2-Hexanone	10.2		"	10.0		102	50-151				
4-Chlorotoluene	9.51		"	10.0		95.1	81-117				
Acetone	7.43		"	10.0		74.3	21-172				
Benzene	10.3		"	10.0		103	82-120				
Bromobenzene	9.56		"	10.0		95.6	82-119				
Bromochloromethane	9.43		"	10.0		94.3	69-125				
Bromodichloromethane	10.3		"	10.0		103	84-117				
Bromoform	10.1		"	10.0		101	77-130				
Bromomethane	9.68		"	10.0		96.8	16-162				
Carbon tetrachloride	10.2		"	10.0		102	72-132				
Chlorobenzene	10.1		"	10.0		101	88-112				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS (BE41556-BS1)							Prepared & Analyzed: 05/29/2014				
Chloroethane	8.67		ug/L	10.0		86.7	29-172				
Chloroform	10.2		"	10.0		102	77-124				
Chloromethane	7.85		"	10.0		78.5	37-131				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	77-124				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	81-117				
Dibromochloromethane	10.4		"	10.0		104	72-131				
Dibromomethane	10.3		"	10.0		103	85-116				
Dichlorodifluoromethane	6.76		"	10.0		67.6	47-152				
Ethyl Benzene	10.2		"	10.0		102	86-114				
Hexachlorobutadiene	9.74		"	10.0		97.4	68-139				
Isopropylbenzene	9.82		"	10.0		98.2	84-118				
Methyl tert-butyl ether (MTBE)	9.93		"	10.0		99.3	49-156				
Methylene chloride	10.2		"	10.0		102	51-145				
Naphthalene	10.2		"	10.0		102	67-141				
n-Butylbenzene	10.8		"	10.0		108	76-125				
n-Propylbenzene	9.92		"	10.0		99.2	84-118				
o-Xylene	10.3		"	10.0		103	85-114				
p- & m- Xylenes	20.7		"	20.0		104	84-117				
p-Isopropyltoluene	10.4		"	10.0		104	84-121				
sec-Butylbenzene	10.1		"	10.0		101	85-119				
Styrene	10.8		"	10.0		108	77-126				
tert-Butylbenzene	9.85		"	10.0		98.5	83-119				
Tetrachloroethylene	10.4		"	10.0		104	75-129				
Toluene	10.2		"	10.0		102	86-113				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	55-148				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	77-120				
Trichloroethylene	10.2		"	10.0		102	85-115				
Trichlorofluoromethane	9.51		"	10.0		95.1	69-131				
Vinyl Chloride	8.36		"	10.0		83.6	44-152				
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*70-128*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS Dup (BE41556-BSD1)							Prepared & Analyzed: 05/29/2014				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	85-118		0.284	30	
1,1,1-Trichloroethane	9.83		"	10.0		98.3	74-128		3.60	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71-130		1.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43		"	10.0		84.3	51-157		5.42	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	80-122		4.04	30	
1,1-Dichloroethane	9.99		"	10.0		99.9	70-131		1.49	30	
1,1-Dichloroethylene	8.63		"	10.0		86.3	60-143		5.19	30	
1,1-Dichloropropylene	9.90		"	10.0		99.0	78-122		2.79	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	68-140		1.30	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-125		3.76	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	65-143		0.937	30	
1,2,4-Trimethylbenzene	9.62		"	10.0		96.2	83-121		3.87	30	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	60-146		7.12	30	
1,2-Dibromoethane	10.7		"	10.0		107	82-122		3.72	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	85-115		0.494	30	
1,2-Dichloroethane	10.4		"	10.0		104	72-126		4.73	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-119		0.500	30	
1,3,5-Trimethylbenzene	9.35		"	10.0		93.5	84-118		4.80	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117		2.23	30	
1,3-Dichloropropane	10.6		"	10.0		106	79-121		4.72	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	83-118		2.35	30	
2,2-Dichloropropane	10.2		"	10.0		102	60-135		5.74	30	
2-Chlorotoluene	9.41		"	10.0		94.1	81-118		4.06	30	
2-Hexanone	11.1		"	10.0		111	50-151		9.20	30	
4-Chlorotoluene	9.13		"	10.0		91.3	81-117		4.08	30	
Acetone	6.94		"	10.0		69.4	21-172		6.82	30	
Benzene	10.0		"	10.0		100	82-120		2.94	30	
Bromobenzene	9.41		"	10.0		94.1	82-119		1.58	30	
Bromochloromethane	9.93		"	10.0		99.3	69-125		5.17	30	
Bromodichloromethane	10.3		"	10.0		103	84-117		0.291	30	
Bromoform	10.4		"	10.0		104	77-130		3.03	30	
Bromomethane	8.92		"	10.0		89.2	16-162		8.17	30	
Carbon tetrachloride	9.91		"	10.0		99.1	72-132		2.59	30	
Chlorobenzene	10.1		"	10.0		101	88-112		0.198	30	
Chloroethane	8.38		"	10.0		83.8	29-172		3.40	30	
Chloroform	10.1		"	10.0		101	77-124		0.986	30	
Chloromethane	8.09		"	10.0		80.9	37-131		3.01	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	77-124		0.388	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	81-117		0.00	30	
Dibromochloromethane	10.9		"	10.0		109	72-131		4.40	30	
Dibromomethane	10.6		"	10.0		106	85-116		3.15	30	
Dichlorodifluoromethane	6.86		"	10.0		68.6	47-152		1.47	30	
Ethyl Benzene	10.2		"	10.0		102	86-114		0.295	30	
Hexachlorobutadiene	9.37		"	10.0		93.7	68-139		3.87	30	
Isopropylbenzene	9.41		"	10.0		94.1	84-118		4.26	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	49-156		3.56	30	
Methylene chloride	9.80		"	10.0		98.0	51-145		3.71	30	
Naphthalene	10.7		"	10.0		107	67-141		4.60	30	
n-Butylbenzene	10.4		"	10.0		104	76-125		4.43	30	
n-Propylbenzene	9.53		"	10.0		95.3	84-118		4.01	30	
o-Xylene	10.4		"	10.0		104	85-114		0.482	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

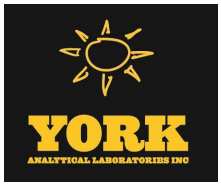
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS Dup (BE41556-BSD1)								Prepared & Analyzed: 05/29/2014			
p- & m- Xylenes	20.6		ug/L	20.0		103	84-117		0.775	30	
p-Isopropyltoluene	9.86		"	10.0		98.6	84-121		5.23	30	
sec-Butylbenzene	9.71		"	10.0		97.1	85-119		4.14	30	
Styrene	10.8		"	10.0		108	77-126		0.556	30	
tert-Butylbenzene	9.49		"	10.0		94.9	83-119		3.72	30	
Tetrachloroethylene	10.1		"	10.0		101	75-129		2.34	30	
Toluene	10.0		"	10.0		100	86-113		1.78	30	
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	55-148		3.77	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	77-120		3.57	30	
Trichloroethylene	9.98		"	10.0		99.8	85-115		2.28	30	
Trichlorofluoromethane	9.11		"	10.0		91.1	69-131		4.30	30	
Vinyl Chloride	8.29		"	10.0		82.9	44-152		0.841	30	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*70-128*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*88-114*				
Batch BE41593 - EPA 5030B											
Blank (BE41593-BLK1)								Prepared & Analyzed: 05/29/2014			
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	1.5	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41593 - EPA 5030B											
Blank (BE41593-BLK1)											Prepared & Analyzed: 05/29/2014
Chlorobenzene	ND	0.50	ug/L								
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	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*70-128*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*88-114*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41593 - EPA 5030B											
LCS (BE41593-BS1)								Prepared & Analyzed: 05/29/2014			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	85-118				
1,1,1-Trichloroethane	9.88		"	10.0		98.8	74-128				
1,1,2,2-Tetrachloroethane	8.96		"	10.0		89.6	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.53		"	10.0		85.3	51-157				
1,1,2-Trichloroethane	9.55		"	10.0		95.5	80-122				
1,1-Dichloroethane	9.99		"	10.0		99.9	70-131				
1,1-Dichloroethylene	8.69		"	10.0		86.9	60-143				
1,1-Dichloropropylene	9.92		"	10.0		99.2	78-122				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	68-140				
1,2,3-Trichloropropane	8.71		"	10.0		87.1	77-125				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	65-143				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	83-121				
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	60-146				
1,2-Dibromoethane	9.57		"	10.0		95.7	82-122				
1,2-Dichlorobenzene	10.4		"	10.0		104	85-115				
1,2-Dichloroethane	9.24		"	10.0		92.4	72-126				
1,2-Dichloropropane	9.89		"	10.0		98.9	78-119				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	84-118				
1,3-Dichlorobenzene	10.6		"	10.0		106	83-117				
1,3-Dichloropropane	9.59		"	10.0		95.9	79-121				
1,4-Dichlorobenzene	10.7		"	10.0		107	83-118				
2,2-Dichloropropane	8.63		"	10.0		86.3	60-135				
2-Chlorotoluene	10.1		"	10.0		101	81-118				
2-Hexanone	8.38		"	10.0		83.8	50-151				
4-Chlorotoluene	9.63		"	10.0		96.3	81-117				
Acetone	6.85		"	10.0		68.5	21-172				
Benzene	10.1		"	10.0		101	82-120				
Bromobenzene	9.74		"	10.0		97.4	82-119				
Bromochloromethane	9.22		"	10.0		92.2	69-125				
Bromodichloromethane	10.0		"	10.0		100	84-117				
Bromoform	9.55		"	10.0		95.5	77-130				
Bromomethane	9.14		"	10.0		91.4	16-162				
Carbon tetrachloride	10.0		"	10.0		100	72-132				
Chlorobenzene	10.1		"	10.0		101	88-112				
Chloroethane	6.71		"	10.0		67.1	29-172				
Chloroform	9.96		"	10.0		99.6	77-124				
Chloromethane	7.08		"	10.0		70.8	37-131				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	77-124				
cis-1,3-Dichloropropylene	9.64		"	10.0		96.4	81-117				
Dibromochloromethane	9.82		"	10.0		98.2	72-131				
Dibromomethane	9.83		"	10.0		98.3	85-116				
Dichlorodifluoromethane	6.48		"	10.0		64.8	47-152				
Ethyl Benzene	10.3		"	10.0		103	86-114				
Hexachlorobutadiene	10.7		"	10.0		107	68-139				
Isopropylbenzene	10.3		"	10.0		103	84-118				
Methyl tert-butyl ether (MTBE)	9.17		"	10.0		91.7	49-156				
Methylene chloride	10.3		"	10.0		103	51-145				
Naphthalene	9.86		"	10.0		98.6	67-141				
n-Butylbenzene	10.7		"	10.0		107	76-125				
n-Propylbenzene	10.3		"	10.0		103	84-118				
o-Xylene	10.4		"	10.0		104	85-114				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41593 - EPA 5030B											
LCS (BE41593-BS1)							Prepared & Analyzed: 05/29/2014				
p- & m- Xylenes	20.8		ug/L	20.0		104	84-117				
p-Isopropyltoluene	10.6		"	10.0		106	84-121				
sec-Butylbenzene	10.5		"	10.0		105	85-119				
Styrene	10.6		"	10.0		106	77-126				
tert-Butylbenzene	10.5		"	10.0		105	83-119				
Tetrachloroethylene	10.2		"	10.0		102	75-129				
Toluene	10.2		"	10.0		102	86-113				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	55-148				
trans-1,3-Dichloropropylene	9.18		"	10.0		91.8	77-120				
Trichloroethylene	10.0		"	10.0		100	85-115				
Trichlorofluoromethane	9.03		"	10.0		90.3	69-131				
Vinyl Chloride	7.30		"	10.0		73.0	44-152				
Surrogate: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*70-128*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*88-114*				
LCS Dup (BE41593-BSD1)							Prepared & Analyzed: 05/29/2014				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	85-118		0.877	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	74-128		3.58	30	
1,1,2,2-Tetrachloroethane	8.94		"	10.0		89.4	71-130		0.223	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.74		"	10.0		87.4	51-157		2.43	30	
1,1,2-Trichloroethane	9.62		"	10.0		96.2	80-122		0.730	30	
1,1-Dichloroethane	10.1		"	10.0		101	70-131		0.897	30	
1,1-Dichloroethylene	8.78		"	10.0		87.8	60-143		1.03	30	
1,1-Dichloropropylene	10.1		"	10.0		101	78-122		2.00	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	68-140		0.367	30	
1,2,3-Trichloropropane	9.16		"	10.0		91.6	77-125		5.04	30	
1,2,4-Trichlorobenzene	11.0		"	10.0		110	65-143		1.37	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	83-121		0.881	30	
1,2-Dibromo-3-chloropropane	9.59		"	10.0		95.9	60-146		4.81	30	
1,2-Dibromoethane	9.81		"	10.0		98.1	82-122		2.48	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	85-115		2.72	30	
1,2-Dichloroethane	9.48		"	10.0		94.8	72-126		2.56	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-119		1.11	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	84-118		0.0973	30	
1,3-Dichlorobenzene	10.4		"	10.0		104	83-117		1.14	30	
1,3-Dichloropropane	9.51		"	10.0		95.1	79-121		0.838	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	83-118		1.48	30	
2,2-Dichloropropane	8.86		"	10.0		88.6	60-135		2.63	30	
2-Chlorotoluene	10.0		"	10.0		100	81-118		0.793	30	
2-Hexanone	8.47		"	10.0		84.7	50-151		1.07	30	
4-Chlorotoluene	9.81		"	10.0		98.1	81-117		1.85	30	
Acetone	6.69		"	10.0		66.9	21-172		2.36	30	
Benzene	10.4		"	10.0		104	82-120		2.73	30	
Bromobenzene	9.67		"	10.0		96.7	82-119		0.721	30	
Bromochloromethane	10.8		"	10.0		108	69-125		15.5	30	
Bromodichloromethane	10.2		"	10.0		102	84-117		2.08	30	
Bromoform	9.71		"	10.0		97.1	77-130		1.66	30	
Bromomethane	8.99		"	10.0		89.9	16-162		1.65	30	
Carbon tetrachloride	10.3		"	10.0		103	72-132		2.37	30	
Chlorobenzene	10.3		"	10.0		103	88-112		2.05	30	
Chloroethane	6.80		"	10.0		68.0	29-172		1.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41593 - EPA 5030B											
LCS Dup (BE41593-BSD1)								Prepared & Analyzed: 05/29/2014			
Chloroform	10.2		ug/L	10.0		102	77-124		2.48	30	
Chloromethane	6.94		"	10.0		69.4	37-131		2.00	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	77-124		1.87	30	
cis-1,3-Dichloropropylene	9.76		"	10.0		97.6	81-117		1.24	30	
Dibromochloromethane	10.2		"	10.0		102	72-131		3.30	30	
Dibromomethane	9.93		"	10.0		99.3	85-116		1.01	30	
Dichlorodifluoromethane	6.72		"	10.0		67.2	47-152		3.64	30	
Ethyl Benzene	10.5		"	10.0		105	86-114		2.02	30	
Hexachlorobutadiene	10.9		"	10.0		109	68-139		1.67	30	
Isopropylbenzene	10.5		"	10.0		105	84-118		1.83	30	
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	49-156		0.218	30	
Methylene chloride	9.98		"	10.0		99.8	51-145		3.06	30	
Naphthalene	10.1		"	10.0		101	67-141		2.50	30	
n-Butylbenzene	10.7		"	10.0		107	76-125		0.00	30	
n-Propylbenzene	10.4		"	10.0		104	84-118		0.775	30	
o-Xylene	10.4		"	10.0		104	85-114		0.866	30	
p- & m- Xylenes	21.0		"	20.0		105	84-117		1.39	30	
p-Isopropyltoluene	10.7		"	10.0		107	84-121		0.563	30	
sec-Butylbenzene	10.7		"	10.0		107	85-119		1.60	30	
Styrene	10.8		"	10.0		108	77-126		1.96	30	
tert-Butylbenzene	10.6		"	10.0		106	83-119		1.04	30	
Tetrachloroethylene	10.5		"	10.0		105	75-129		2.60	30	
Toluene	10.3		"	10.0		103	86-113		1.17	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	55-148		1.49	30	
trans-1,3-Dichloropropylene	9.45		"	10.0		94.5	77-120		2.90	30	
Trichloroethylene	10.3		"	10.0		103	85-115		2.36	30	
Trichlorofluoromethane	9.32		"	10.0		93.2	69-131		3.16	30	
Vinyl Chloride	7.33		"	10.0		73.3	44-152		0.410	30	
Surrogate: 1,2-Dichloroethane-d4	*9.16*		*"*	*10.0*		*91.6*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*70-128*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*88-114*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41475 - EPA 3010A											
Blank (BE41475-BLK1)								Prepared & Analyzed: 05/28/2014			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE41475-DUP1)	*Source sample: 14E0931-01 (WQ052014:910NP2-10)							Prepared & Analyzed: 05/28/2014			
Iron - Dissolved	0.133	0.0200	mg/L		0.133				0.418	20	
Matrix Spike (BE41475-MS1)	*Source sample: 14E0931-01 (WQ052014:910NP2-10)							Prepared & Analyzed: 05/28/2014			
Iron - Dissolved	1.18	0.0200	mg/L	1.00	0.133	105	75-125				
Reference (BE41475-SRM1)								Prepared & Analyzed: 05/28/2014			
Iron - Dissolved	0.320	0.0200	mg/L	0.322		99.3	87.3-115				
Batch BE41476 - EPA 3010A											
Blank (BE41476-BLK1)								Prepared & Analyzed: 05/28/2014			
Iron	ND	0.0200	mg/L								
Reference (BE41476-SRM1)								Prepared & Analyzed: 05/28/2014			
Iron	0.320	0.0200	mg/L	0.322		99.3	87.3-115				

Miscellaneous Physical 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 BE41401 - % Solids Prep											
Blank (BE41401-BLK1)											Prepared & Analyzed: 05/27/2014
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0931-01	WQ052014:910NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0933-01	WQ052014:900NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0933-02	WQ052014:905NP2-7	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/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ 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. 14E0931

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
			Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Phone No. 203-929-8555	Phone No.	Phone No.	HABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Four Day ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT __ NY X NJ __	Standard (5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.

NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

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

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

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

STEPHEN HRAT
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	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

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ052014:900NP2-6	5/20/14	900	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2p
WQ052014:905NP2-7	↓	905	GW	↓	3v 2p
WQ052014:910NP2-10	↓	910	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)	3v 3p

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5/20/14 1000	LBG Fridge	5/20/14 1000
Samples Relinquished By [signature]	Date/Time 5/22/14 700	Samples Received in LAB by [signature]	Date/Time 5/22/14 1815

Temperature on Receipt 4.3 °C

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

Field Chain-of-Custody Record

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

York Project No. 1420933

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. HABSA6.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person. Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from. CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-100 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 HRAT
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 Metals	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 w/ TICs	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

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)
WQ052014:900NP2-6	5/20/14 900	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2p
WQ052014:905NP2-7	905	GW	↓	3v 2p
WQ052014:910NP2-10	910	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	3v 3p

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time 5/22/14 1000

Samples Relinquished By — Date/Time

Samples Received By LBG Fridge — Date/Time 5/22/14 1000

Samples Received in LAB by TC Patila — Date/Time 5/22/14 1815

Temperature on Receipt 4.3 °C

APPENDIX II

MAY 2014 LABORATORY ANALYTICAL REPORTS FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

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

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0469

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0469

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 May 12, 2014 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
14E0469-01	WQ050814:0800FRW-1	Water	05/08/2014	05/12/2014
14E0469-02	WQ050814:0805FRW-2	Water	05/08/2014	05/12/2014
14E0469-03	WQ050814:0810FRW-3	Water	05/08/2014	05/12/2014
14E0469-04	WQ050814:0815FRW-4	Water	05/08/2014	05/12/2014

General Notes for York Project (SDG) No.: 14E0469

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: 05/19/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ050814:0800FRW-1** | **York Sample ID:** **14E0469-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
71-55-6	**1,1,1-Trichloroethane**	**0.95**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS

Sample Information

Client Sample ID: WQ050814:0800FRW-1 **York Sample ID:** 14E0469-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
156-59-2	**cis-1,2-Dichloroethylene**	**4.2**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-09-2	**Methylene chloride**	**2.1**		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
127-18-4	**Tetrachloroethylene**	**66**		ug/L	2.0	5.0	10	EPA 8260C	05/15/2014 08:21	05/16/2014 12:28	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
79-01-6	**Trichloroethylene**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/15/2014 08:21	05/15/2014 14:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*88-114*

Sample Information

Client Sample ID: WQ050814:0805FRW-2 **York Sample ID:** 14E0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:05 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS

Sample Information

Client Sample ID: WQ050814:0805FRW-2 **York Sample ID:** 14E0469-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:05 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-09-2	**Methylene chloride**	**2.0**		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
127-18-4	**Tetrachloroethylene**	**10**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.8 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*88-114*

Sample Information

Client Sample ID: WQ050814:0810FRW-3 **York Sample ID:** 14E0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:10 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS

Sample Information

Client Sample ID: WQ050814:0810FRW-3 **York Sample ID:** 14E0469-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:10 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
156-59-2	**cis-1,2-Dichloroethylene**	**3.5**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
98-82-8	**Isopropylbenzene**	**0.87**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-09-2	**Methylene chloride**	**1.7**	J	ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
103-65-1	**n-Propylbenzene**	**0.58**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
127-18-4	**Tetrachloroethylene**	**51**		ug/L	1.0	2.5	5	EPA 8260C	05/15/2014 08:21	05/16/2014 13:00	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
79-01-6	**Trichloroethylene**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/15/2014 08:21	05/15/2014 15:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*88-114*

Sample Information

Client Sample ID: WQ050814:0815FRW-4 **York Sample ID:** 14E0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:15 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS

Sample Information

Client Sample ID: WQ050814:0815FRW-4 **York Sample ID:** 14E0469-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0469	Rowe Industries	Water	May 8, 2014 8:15 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.57**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-09-2	**Methylene chloride**	**1.9**	J	ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
127-18-4	**Tetrachloroethylene**	**2.2**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
79-01-6	**Trichloroethylene**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*116 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*88-114*

Analytical Batch Summary

Batch ID: BE40854 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0469-01	WQ050814:0800FRW-1	05/15/14
14E0469-02	WQ050814:0805FRW-2	05/15/14
14E0469-03	WQ050814:0810FRW-3	05/15/14
14E0469-04	WQ050814:0815FRW-4	05/15/14
BE40854-BLK1	Blank	05/15/14
BE40854-BS1	LCS	05/15/14
BE40854-BSD1	LCS Dup	05/15/14

Batch ID: BE40982 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0469-01RE1	WQ050814:0800FRW-1	05/16/14
14E0469-03RE1	WQ050814:0810FRW-3	05/16/14
BE40982-BLK1	Blank	05/16/14
BE40982-BS1	LCS	05/16/14
BE40982-BSD1	LCS Dup	05/16/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
Blank (BE40854-BLK1)											Prepared & Analyzed: 05/15/2014
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.46	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.34	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
Blank (BE40854-BLK1)											Prepared & Analyzed: 05/15/2014
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-128*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*88-114*				
LCS (BE40854-BS1)											Prepared & Analyzed: 05/15/2014
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	85-118				
1,1,1-Trichloroethane	10.3		"	10.0		103	74-128				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	51-157				
1,1,2-Trichloroethane	10.4		"	10.0		104	80-122				
1,1-Dichloroethane	10.7		"	10.0		107	70-131				
1,1-Dichloroethylene	10.4		"	10.0		104	60-143				
1,1-Dichloropropylene	10.5		"	10.0		105	78-122				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	68-140				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-125				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	65-143				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	83-121				
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	60-146				
1,2-Dibromoethane	10.2		"	10.0		102	82-122				
1,2-Dichlorobenzene	10.2		"	10.0		102	85-115				
1,2-Dichloroethane	10.4		"	10.0		104	72-126				
1,2-Dichloropropane	10.3		"	10.0		103	78-119				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	84-118				
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117				
1,3-Dichloropropane	10.8		"	10.0		108	79-121				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-118				
2,2-Dichloropropane	11.0		"	10.0		110	60-135				
2-Chlorotoluene	10.2		"	10.0		102	81-118				
2-Hexanone	11.9		"	10.0		119	50-151				
4-Chlorotoluene	10.2		"	10.0		102	81-117				
Acetone	9.53		"	10.0		95.3	21-172				
Benzene	10.3		"	10.0		103	82-120				
Bromobenzene	10.0		"	10.0		100	82-119				
Bromochloromethane	10.8		"	10.0		108	69-125				
Bromodichloromethane	10.5		"	10.0		105	84-117				
Bromoform	10.2		"	10.0		102	77-130				
Bromomethane	9.98		"	10.0		99.8	16-162				
Carbon tetrachloride	10.6		"	10.0		106	72-132				
Chlorobenzene	10.1		"	10.0		101	88-112				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS (BE40854-BS1)							Prepared & Analyzed: 05/15/2014				
Chloroethane	9.70		ug/L	10.0		97.0	29-172				
Chloroform	10.6		"	10.0		106	77-124				
Chloromethane	10.5		"	10.0		105	37-131				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	77-124				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	81-117				
Dibromochloromethane	10.3		"	10.0		103	72-131				
Dibromomethane	10.8		"	10.0		108	85-116				
Dichlorodifluoromethane	9.71		"	10.0		97.1	47-152				
Ethyl Benzene	10.4		"	10.0		104	86-114				
Hexachlorobutadiene	10.4		"	10.0		104	68-139				
Isopropylbenzene	10.5		"	10.0		105	84-118				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	49-156				
Methylene chloride	10.3		"	10.0		103	51-145				
Naphthalene	11.5		"	10.0		115	67-141				
n-Butylbenzene	10.7		"	10.0		107	76-125				
n-Propylbenzene	10.6		"	10.0		106	84-118				
o-Xylene	10.7		"	10.0		107	85-114				
p- & m- Xylenes	21.1		"	20.0		106	84-117				
p-Isopropyltoluene	10.8		"	10.0		108	84-121				
sec-Butylbenzene	10.8		"	10.0		108	85-119				
Styrene	10.7		"	10.0		107	77-126				
tert-Butylbenzene	10.8		"	10.0		108	83-119				
Tetrachloroethylene	9.88		"	10.0		98.8	75-129				
Toluene	10.2		"	10.0		102	86-113				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	55-148				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	77-120				
Trichloroethylene	10.2		"	10.0		102	85-115				
Trichlorofluoromethane	10.7		"	10.0		107	69-131				
Vinyl Chloride	10.9		"	10.0		109	44-152				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*70-128*				
Surrogate: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS Dup (BE40854-BSD1)							Prepared & Analyzed: 05/15/2014				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	85-118		0.195	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	74-128		1.06	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71-130		2.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	51-157		3.11	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	80-122		1.25	30	
1,1-Dichloroethane	11.1		"	10.0		111	70-131		3.39	30	
1,1-Dichloroethylene	10.1		"	10.0		101	60-143		3.42	30	
1,1-Dichloropropylene	10.4		"	10.0		104	78-122		0.763	30	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	68-140		1.86	30	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-125		4.16	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	65-143		0.286	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	83-121		0.281	30	
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	60-146		34.8	30	Non-dir.
1,2-Dibromoethane	10.7		"	10.0		107	82-122		5.56	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	85-115		2.33	30	
1,2-Dichloroethane	10.9		"	10.0		109	72-126		3.94	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-119		3.99	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	84-118		0.0949	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117		0.294	30	
1,3-Dichloropropane	11.0		"	10.0		110	79-121		1.38	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	83-118		0.674	30	
2,2-Dichloropropane	10.7		"	10.0		107	60-135		2.59	30	
2-Chlorotoluene	10.2		"	10.0		102	81-118		0.0978	30	
2-Hexanone	11.9		"	10.0		119	50-151		0.252	30	
4-Chlorotoluene	10.3		"	10.0		103	81-117		1.18	30	
Acetone	9.59		"	10.0		95.9	21-172		0.628	30	
Benzene	10.6		"	10.0		106	82-120		2.48	30	
Bromobenzene	9.91		"	10.0		99.1	82-119		1.10	30	
Bromochloromethane	11.1		"	10.0		111	69-125		3.20	30	
Bromodichloromethane	10.6		"	10.0		106	84-117		1.04	30	
Bromoform	10.6		"	10.0		106	77-130		3.57	30	
Bromomethane	10.4		"	10.0		104	16-162		3.93	30	
Carbon tetrachloride	10.6		"	10.0		106	72-132		0.378	30	
Chlorobenzene	10.3		"	10.0		103	88-112		2.35	30	
Chloroethane	9.91		"	10.0		99.1	29-172		2.14	30	
Chloroform	11.0		"	10.0		110	77-124		3.70	30	
Chloromethane	10.6		"	10.0		106	37-131		0.856	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	77-124		2.24	30	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	81-117		0.997	30	
Dibromochloromethane	10.7		"	10.0		107	72-131		3.24	30	
Dibromomethane	10.3		"	10.0		103	85-116		4.65	30	
Dichlorodifluoromethane	9.93		"	10.0		99.3	47-152		2.24	30	
Ethyl Benzene	10.4		"	10.0		104	86-114		0.287	30	
Hexachlorobutadiene	10.2		"	10.0		102	68-139		2.34	30	
Isopropylbenzene	10.4		"	10.0		104	84-118		0.958	30	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	49-156		5.21	30	
Methylene chloride	10.6		"	10.0		106	51-145		2.49	30	
Naphthalene	11.5		"	10.0		115	67-141		0.00	30	
n-Butylbenzene	10.4		"	10.0		104	76-125		2.56	30	
n-Propylbenzene	10.4		"	10.0		104	84-118		1.62	30	
o-Xylene	10.8		"	10.0		108	85-114		1.21	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS Dup (BE40854-BSD1)								Prepared & Analyzed: 05/15/2014			
p- & m- Xylenes	21.4		ug/L	20.0		107	84-117		1.18	30	
p-Isopropyltoluene	10.5		"	10.0		105	84-121		1.97	30	
sec-Butylbenzene	10.6		"	10.0		106	85-119		1.58	30	
Styrene	10.8		"	10.0		108	77-126		1.21	30	
tert-Butylbenzene	10.7		"	10.0		107	83-119		0.466	30	
Tetrachloroethylene	9.61		"	10.0		96.1	75-129		2.77	30	
Toluene	10.3		"	10.0		103	86-113		1.46	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	55-148		1.42	30	
trans-1,3-Dichloropropylene	11.2		"	10.0		112	77-120		2.35	30	
Trichloroethylene	10.1		"	10.0		101	85-115		0.692	30	
Trichlorofluoromethane	10.3		"	10.0		103	69-131		3.61	30	
Vinyl Chloride	11.0		"	10.0		110	44-152		0.274	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*70-128*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*88-114*				
Batch BE40982 - EPA 5030B											
Blank (BE40982-BLK1)								Prepared & Analyzed: 05/16/2014			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.39	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.29	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40982 - EPA 5030B											
Blank (BE40982-BLK1)											Prepared & Analyzed: 05/16/2014
Chlorobenzene	ND	0.50	ug/L								
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	0.26	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-128*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40982 - EPA 5030B											
LCS (BE40982-BS1)							Prepared & Analyzed: 05/16/2014				
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	85-118				
1,1,1-Trichloroethane	11.0		"	10.0		110	74-128				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	51-157				
1,1,2-Trichloroethane	10.0		"	10.0		100	80-122				
1,1-Dichloroethane	10.8		"	10.0		108	70-131				
1,1-Dichloroethylene	11.0		"	10.0		110	60-143				
1,1-Dichloropropylene	11.2		"	10.0		112	78-122				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	68-140				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-125				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	65-143				
1,2,4-Trimethylbenzene	11.7		"	10.0		117	83-121				
1,2-Dibromo-3-chloropropane	9.65		"	10.0		96.5	60-146				
1,2-Dibromoethane	10.1		"	10.0		101	82-122				
1,2-Dichlorobenzene	10.6		"	10.0		106	85-115				
1,2-Dichloroethane	10.1		"	10.0		101	72-126				
1,2-Dichloropropane	11.0		"	10.0		110	78-119				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	84-118				
1,3-Dichlorobenzene	10.9		"	10.0		109	83-117				
1,3-Dichloropropane	10.4		"	10.0		104	79-121				
1,4-Dichlorobenzene	10.8		"	10.0		108	83-118				
2,2-Dichloropropane	11.4		"	10.0		114	60-135				
2-Chlorotoluene	11.4		"	10.0		114	81-118				
2-Hexanone	9.91		"	10.0		99.1	50-151				
4-Chlorotoluene	11.3		"	10.0		113	81-117				
Acetone	9.83		"	10.0		98.3	21-172				
Benzene	10.6		"	10.0		106	82-120				
Bromobenzene	11.5		"	10.0		115	82-119				
Bromochloromethane	10.4		"	10.0		104	69-125				
Bromodichloromethane	10.9		"	10.0		109	84-117				
Bromoform	10.1		"	10.0		101	77-130				
Bromomethane	10.4		"	10.0		104	16-162				
Carbon tetrachloride	11.2		"	10.0		112	72-132				
Chlorobenzene	10.8		"	10.0		108	88-112				
Chloroethane	9.74		"	10.0		97.4	29-172				
Chloroform	10.6		"	10.0		106	77-124				
Chloromethane	10.3		"	10.0		103	37-131				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	77-124				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	81-117				
Dibromochloromethane	10.6		"	10.0		106	72-131				
Dibromomethane	10.4		"	10.0		104	85-116				
Dichlorodifluoromethane	9.70		"	10.0		97.0	47-152				
Ethyl Benzene	11.5		"	10.0		115	86-114	High Bias			
Hexachlorobutadiene	11.4		"	10.0		114	68-139				
Isopropylbenzene	11.9		"	10.0		119	84-118	High Bias			
Methyl tert-butyl ether (MTBE)	9.64		"	10.0		96.4	49-156				
Methylene chloride	11.6		"	10.0		116	51-145				
Naphthalene	10.9		"	10.0		109	67-141				
n-Butylbenzene	11.8		"	10.0		118	76-125				
n-Propylbenzene	11.8		"	10.0		118	84-118				
o-Xylene	11.6		"	10.0		116	85-114	High Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40982 - EPA 5030B											
LCS (BE40982-BS1)								Prepared & Analyzed: 05/16/2014			
p- & m- Xylenes	23.5		ug/L	20.0		118	84-117	High Bias			
p-Isopropyltoluene	11.9		"	10.0		119	84-121				
sec-Butylbenzene	12.1		"	10.0		121	85-119	High Bias			
Styrene	11.6		"	10.0		116	77-126				
tert-Butylbenzene	12.0		"	10.0		120	83-119	High Bias			
Tetrachloroethylene	11.4		"	10.0		114	75-129				
Toluene	11.2		"	10.0		112	86-113				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	55-148				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	77-120				
Trichloroethylene	11.3		"	10.0		113	85-115				
Trichlorofluoromethane	10.5		"	10.0		105	69-131				
Vinyl Chloride	10.6		"	10.0		106	44-152				
Surrogate: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.96*		*"*	*10.0*		*99.6*	*70-128*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*88-114*				
LCS Dup (BE40982-BSD1)								Prepared & Analyzed: 05/16/2014			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	85-118		5.31	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	74-128		3.41	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71-130		1.95	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	51-157		2.85	30	
1,1,2-Trichloroethane	10.0		"	10.0		100	80-122		0.00	30	
1,1-Dichloroethane	10.7		"	10.0		107	70-131		0.559	30	
1,1-Dichloroethylene	10.8		"	10.0		108	60-143		2.03	30	
1,1-Dichloropropylene	10.6		"	10.0		106	78-122		5.21	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	68-140		2.32	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-125		0.493	30	
1,2,4-Trichlorobenzene	10.9		"	10.0		109	65-143		1.10	30	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	83-121		0.686	30	
1,2-Dibromo-3-chloropropane	8.40		"	10.0		84.0	60-146		13.9	30	
1,2-Dibromoethane	9.99		"	10.0		99.9	82-122		1.10	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	85-115		0.567	30	
1,2-Dichloroethane	10.1		"	10.0		101	72-126		0.495	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-119		2.21	30	
1,3,5-Trimethylbenzene	11.3		"	10.0		113	84-118		2.27	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	83-117		0.184	30	
1,3-Dichloropropane	10.3		"	10.0		103	79-121		0.962	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	83-118		1.56	30	
2,2-Dichloropropane	10.9		"	10.0		109	60-135		4.85	30	
2-Chlorotoluene	11.3		"	10.0		113	81-118		0.796	30	
2-Hexanone	10.6		"	10.0		106	50-151		7.20	30	
4-Chlorotoluene	11.0		"	10.0		110	81-117		2.42	30	
Acetone	9.68		"	10.0		96.8	21-172		1.54	30	
Benzene	10.5		"	10.0		105	82-120		1.14	30	
Bromobenzene	11.5		"	10.0		115	82-119		0.435	30	
Bromochloromethane	10.4		"	10.0		104	69-125		0.0966	30	
Bromodichloromethane	10.7		"	10.0		107	84-117		1.85	30	
Bromoform	9.57		"	10.0		95.7	77-130		5.09	30	
Bromomethane	10.4		"	10.0		104	16-162		0.193	30	
Carbon tetrachloride	10.8		"	10.0		108	72-132		3.36	30	
Chlorobenzene	10.5		"	10.0		105	88-112		3.00	30	
Chloroethane	9.58		"	10.0		95.8	29-172		1.66	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40982 - EPA 5030B											
LCS Dup (BE40982-BSD1)								Prepared & Analyzed: 05/16/2014			
Chloroform	10.5		ug/L	10.0		105	77-124		0.284	30	
Chloromethane	10.2		"	10.0		102	37-131		0.977	30	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	77-124		2.36	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	81-117		2.53	30	
Dibromochloromethane	10.3		"	10.0		103	72-131		2.59	30	
Dibromomethane	10.3		"	10.0		103	85-116		1.54	30	
Dichlorodifluoromethane	9.24		"	10.0		92.4	47-152		4.86	30	
Ethyl Benzene	11.3		"	10.0		113	86-114		2.02	30	
Hexachlorobutadiene	11.4		"	10.0		114	68-139		0.351	30	
Isopropylbenzene	11.7		"	10.0		117	84-118		1.70	30	
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	49-156		1.03	30	
Methylene chloride	11.6		"	10.0		116	51-145		0.259	30	
Naphthalene	11.1		"	10.0		111	67-141		2.37	30	
n-Butylbenzene	11.7		"	10.0		117	76-125		1.28	30	
n-Propylbenzene	11.7		"	10.0		117	84-118		1.10	30	
o-Xylene	11.2		"	10.0		112	85-114		3.60	30	
p- & m- Xylenes	22.6		"	20.0		113	84-117		3.99	30	
p-Isopropyltoluene	11.8		"	10.0		118	84-121		1.10	30	
sec-Butylbenzene	12.0		"	10.0		120	85-119	High Bias	1.50	30	
Styrene	11.2		"	10.0		112	77-126		3.60	30	
tert-Butylbenzene	11.7		"	10.0		117	83-119		2.20	30	
Tetrachloroethylene	10.7		"	10.0		107	75-129		5.61	30	
Toluene	11.0		"	10.0		110	86-113		2.61	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	55-148		3.48	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	77-120		3.15	30	
Trichloroethylene	10.9		"	10.0		109	85-115		4.14	30	
Trichlorofluoromethane	10.4		"	10.0		104	69-131		0.763	30	
Vinyl Chloride	10.3		"	10.0		103	44-152		2.39	30	
Surrogate: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-128*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*88-114*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0469-01	WQ050814:0800FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0469-02	WQ050814:0805FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0469-03	WQ050814:0810FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0469-04	WQ050814:0815FRW-4	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/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES INC
York Analytical Laboratories
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. 14E0469

YOUR Information		Report to:	Invoice To:	Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	LBG	SAME [X]	SAME [X]	Rowe Industries	RUSH-Same Day		Summary Report	X, PDF
Address:	4 Research Drive	Name:	Name:		RUSH-Next Day		QA Report	X, PDF
	Suite 301, Shelton CT 06484	Company:	Company:	Purchase Order #	RUSH-Two Day		CT RCP	
Phone.:	203.929.8555	Address:	Address:	NABSAG	RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Tunde Sandor				RUSH-Four Day		NY ASP A Package	
E-mail:	Tsandor@lbgct.com	E-mail:	E-mail	Samples from CT__ NY x NJ__	Standard (5-7day)	X	NY ASP B Package	X, PDF
							NJDEP Reduced 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.

[signature]
Samples Collected/Authorized By (Signature)

Tunde Komuves-Sandor
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Leachate/Future
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Report/Deliverable Type (cont.)	
Excel	X
NYSDEC EQuIS	
NJDEP SRP HazSite	
EQuIS	
GIS/KEY (std)	
YORK Regulatory Comp Excel	
compared to:	
OTHER:	

Sample Identification	Date+Time Sampled		Matrix	Analysis Requested (List above includes common analysis)	Container Description
WQ050814:0800FRW-1	5/8/14	800	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 voas
WQ050814:0805FRW-2	↓	805	↓	↓	↓
WQ050814:0810FRW-3	↓	810	↓	↓	↓
WQ050814:0815FRW-4	↓	815	↓	↓	↓

Comments:

Preservation (check all 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	Temperature on Receipt
Danielle Vasie	5/12/14 10:20	[signature]	5/12/14 10:20	3.4 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by: P Grace	5-12-14 1200	

(RW/FRW)

Technical Report

prepared for:

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

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0470

Report Date: 05/19/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0470

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 May 12, 2014 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
14E0470-01	WQ050814:1000NP1-1-2	Water	05/08/2014	05/12/2014

General Notes for York Project (SDG) No.: 14E0470

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: 05/19/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ050814:1000NP1-1-2** **York Sample ID:** **14E0470-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0470	Rowe Industries	Water	May 8, 2014 10:00 am	05/12/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
71-55-6	**1,1,1-Trichloroethane**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS

Sample Information

Client Sample ID: WQ050814:1000NP1-1-2 **York Sample ID:** 14E0470-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0470	Rowe Industries	Water	May 8, 2014 10:00 am	05/12/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-09-2	**Methylene chloride**	**1.7**	J	ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
127-18-4	**Tetrachloroethylene**	**0.41**	J	ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
79-01-6	**Trichloroethylene**	**0.62**		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/15/2014 08:21	05/15/2014 16:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*88-114*

Analytical Batch Summary

Batch ID: BE40854 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0470-01	WQ050814:1000NP1-1-2	05/15/14
BE40854-BLK1	Blank	05/15/14
BE40854-BS1	LCS	05/15/14
BE40854-BSD1	LCS Dup	05/15/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
Blank (BE40854-BLK1)											Prepared & Analyzed: 05/15/2014
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.46	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.34	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
Blank (BE40854-BLK1)									Prepared & Analyzed: 05/15/2014		
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*81-123*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-128*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*88-114*				
LCS (BE40854-BS1)									Prepared & Analyzed: 05/15/2014		
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	85-118				
1,1,1-Trichloroethane	10.3		"	10.0		103	74-128				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	51-157				
1,1,2-Trichloroethane	10.4		"	10.0		104	80-122				
1,1-Dichloroethane	10.7		"	10.0		107	70-131				
1,1-Dichloroethylene	10.4		"	10.0		104	60-143				
1,1-Dichloropropylene	10.5		"	10.0		105	78-122				
1,2,3-Trichlorobenzene	10.9		"	10.0		109	68-140				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-125				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	65-143				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	83-121				
1,2-Dibromo-3-chloropropane	13.0		"	10.0		130	60-146				
1,2-Dibromoethane	10.2		"	10.0		102	82-122				
1,2-Dichlorobenzene	10.2		"	10.0		102	85-115				
1,2-Dichloroethane	10.4		"	10.0		104	72-126				
1,2-Dichloropropane	10.3		"	10.0		103	78-119				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	84-118				
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117				
1,3-Dichloropropane	10.8		"	10.0		108	79-121				
1,4-Dichlorobenzene	10.4		"	10.0		104	83-118				
2,2-Dichloropropane	11.0		"	10.0		110	60-135				
2-Chlorotoluene	10.2		"	10.0		102	81-118				
2-Hexanone	11.9		"	10.0		119	50-151				
4-Chlorotoluene	10.2		"	10.0		102	81-117				
Acetone	9.53		"	10.0		95.3	21-172				
Benzene	10.3		"	10.0		103	82-120				
Bromobenzene	10.0		"	10.0		100	82-119				
Bromochloromethane	10.8		"	10.0		108	69-125				
Bromodichloromethane	10.5		"	10.0		105	84-117				
Bromoform	10.2		"	10.0		102	77-130				
Bromomethane	9.98		"	10.0		99.8	16-162				
Carbon tetrachloride	10.6		"	10.0		106	72-132				
Chlorobenzene	10.1		"	10.0		101	88-112				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS (BE40854-BS1)								Prepared & Analyzed: 05/15/2014			
Chloroethane	9.70		ug/L	10.0		97.0	29-172				
Chloroform	10.6		"	10.0		106	77-124				
Chloromethane	10.5		"	10.0		105	37-131				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	77-124				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	81-117				
Dibromochloromethane	10.3		"	10.0		103	72-131				
Dibromomethane	10.8		"	10.0		108	85-116				
Dichlorodifluoromethane	9.71		"	10.0		97.1	47-152				
Ethyl Benzene	10.4		"	10.0		104	86-114				
Hexachlorobutadiene	10.4		"	10.0		104	68-139				
Isopropylbenzene	10.5		"	10.0		105	84-118				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	49-156				
Methylene chloride	10.3		"	10.0		103	51-145				
Naphthalene	11.5		"	10.0		115	67-141				
n-Butylbenzene	10.7		"	10.0		107	76-125				
n-Propylbenzene	10.6		"	10.0		106	84-118				
o-Xylene	10.7		"	10.0		107	85-114				
p- & m- Xylenes	21.1		"	20.0		106	84-117				
p-Isopropyltoluene	10.8		"	10.0		108	84-121				
sec-Butylbenzene	10.8		"	10.0		108	85-119				
Styrene	10.7		"	10.0		107	77-126				
tert-Butylbenzene	10.8		"	10.0		108	83-119				
Tetrachloroethylene	9.88		"	10.0		98.8	75-129				
Toluene	10.2		"	10.0		102	86-113				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	55-148				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	77-120				
Trichloroethylene	10.2		"	10.0		102	85-115				
Trichlorofluoromethane	10.7		"	10.0		107	69-131				
Vinyl Chloride	10.9		"	10.0		109	44-152				
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*70-128*				
Surrogate: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS Dup (BE40854-BSD1)							Prepared & Analyzed: 05/15/2014				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	85-118		0.195	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	74-128		1.06	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71-130		2.69	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	51-157		3.11	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	80-122		1.25	30	
1,1-Dichloroethane	11.1		"	10.0		111	70-131		3.39	30	
1,1-Dichloroethylene	10.1		"	10.0		101	60-143		3.42	30	
1,1-Dichloropropylene	10.4		"	10.0		104	78-122		0.763	30	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	68-140		1.86	30	
1,2,3-Trichloropropane	10.8		"	10.0		108	77-125		4.16	30	
1,2,4-Trichlorobenzene	10.5		"	10.0		105	65-143		0.286	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	83-121		0.281	30	
1,2-Dibromo-3-chloropropane	9.15		"	10.0		91.5	60-146		34.8	30	Non-dir.
1,2-Dibromoethane	10.7		"	10.0		107	82-122		5.56	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	85-115		2.33	30	
1,2-Dichloroethane	10.9		"	10.0		109	72-126		3.94	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-119		3.99	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	84-118		0.0949	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117		0.294	30	
1,3-Dichloropropane	11.0		"	10.0		110	79-121		1.38	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	83-118		0.674	30	
2,2-Dichloropropane	10.7		"	10.0		107	60-135		2.59	30	
2-Chlorotoluene	10.2		"	10.0		102	81-118		0.0978	30	
2-Hexanone	11.9		"	10.0		119	50-151		0.252	30	
4-Chlorotoluene	10.3		"	10.0		103	81-117		1.18	30	
Acetone	9.59		"	10.0		95.9	21-172		0.628	30	
Benzene	10.6		"	10.0		106	82-120		2.48	30	
Bromobenzene	9.91		"	10.0		99.1	82-119		1.10	30	
Bromochloromethane	11.1		"	10.0		111	69-125		3.20	30	
Bromodichloromethane	10.6		"	10.0		106	84-117		1.04	30	
Bromoform	10.6		"	10.0		106	77-130		3.57	30	
Bromomethane	10.4		"	10.0		104	16-162		3.93	30	
Carbon tetrachloride	10.6		"	10.0		106	72-132		0.378	30	
Chlorobenzene	10.3		"	10.0		103	88-112		2.35	30	
Chloroethane	9.91		"	10.0		99.1	29-172		2.14	30	
Chloroform	11.0		"	10.0		110	77-124		3.70	30	
Chloromethane	10.6		"	10.0		106	37-131		0.856	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	77-124		2.24	30	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	81-117		0.997	30	
Dibromochloromethane	10.7		"	10.0		107	72-131		3.24	30	
Dibromomethane	10.3		"	10.0		103	85-116		4.65	30	
Dichlorodifluoromethane	9.93		"	10.0		99.3	47-152		2.24	30	
Ethyl Benzene	10.4		"	10.0		104	86-114		0.287	30	
Hexachlorobutadiene	10.2		"	10.0		102	68-139		2.34	30	
Isopropylbenzene	10.4		"	10.0		104	84-118		0.958	30	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	49-156		5.21	30	
Methylene chloride	10.6		"	10.0		106	51-145		2.49	30	
Naphthalene	11.5		"	10.0		115	67-141		0.00	30	
n-Butylbenzene	10.4		"	10.0		104	76-125		2.56	30	
n-Propylbenzene	10.4		"	10.0		104	84-118		1.62	30	
o-Xylene	10.8		"	10.0		108	85-114		1.21	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40854 - EPA 5030B											
LCS Dup (BE40854-BSD1)								Prepared & Analyzed: 05/15/2014			
p- & m- Xylenes	21.4		ug/L	20.0		107	84-117		1.18	30	
p-Isopropyltoluene	10.5		"	10.0		105	84-121		1.97	30	
sec-Butylbenzene	10.6		"	10.0		106	85-119		1.58	30	
Styrene	10.8		"	10.0		108	77-126		1.21	30	
tert-Butylbenzene	10.7		"	10.0		107	83-119		0.466	30	
Tetrachloroethylene	9.61		"	10.0		96.1	75-129		2.77	30	
Toluene	10.3		"	10.0		103	86-113		1.46	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	55-148		1.42	30	
trans-1,3-Dichloropropylene	11.2		"	10.0		112	77-120		2.35	30	
Trichloroethylene	10.1		"	10.0		101	85-115		0.692	30	
Trichlorofluoromethane	10.3		"	10.0		103	69-131		3.61	30	
Vinyl Chloride	11.0		"	10.0		110	44-152		0.274	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*70-128*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*88-114*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0470-01	WQ050814:1000NP1-1-2	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/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES
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. 14E0470

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: LBG	SAME [X]	SAME [X]	Rowe Industries	RUSH-Same Day	Summary Report X, PDF
Address: 4 Research Drive	Name:	Name:		RUSH-Next Day	QA Report X, PDF
Suite 301, Shelton CT 06484	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: 203.929.8555	Address:	Address:	NABSAG	RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Tunde Sandor				RUSH-Four Day	NY ASP A Package
E-mail: Tsandor@lbgct.com	E-mail:	E-mail	Samples from CT__NY x_NJ__	Standard (5-7day) X	NY ASP B Package X, PDF
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					OTHER:

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

Samples Collected/Authorized By (Signature)

Tunde Hernandez-Sandor
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
WQ0508/14/1000/NPP-1-2	5-8-14 10:00	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 voas

Comments:

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

(RW/FRW)

Samples Relinquished By: Date/Time 5/12/14 0:21
Samples Relinquished By: Date/Time

Samples Received By: Date/Time 5/12/14 10/21
Samples Received in LAB by: Date/Time 5-12-14 1200

Temperature on Receipt: 3.4 °C

Technical Report

prepared for:

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

Report Date: 05/30/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0934

Report Date: 05/30/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0934

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 May 22, 2014 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
14E0934-01	WQ051914:1230NP1-1-6	Water	05/19/2014	05/22/2014
14E0934-02	WQ051914:1300NP1-1-7	Water	05/19/2014	05/22/2014
14E0934-03	WQ051914:1340NP1-1-4	Water	05/19/2014	05/22/2014

General Notes for York Project (SDG) No.: 14E0934

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: 05/30/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **WQ051914:1230NP1-1-6** | **York Sample ID:** **14E0934-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 12:30 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
71-55-6	**1,1,1-Trichloroethane**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-34-3	**1,1-Dichloroethane**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK

Sample Information

Client Sample ID: WQ051914:1230NP1-1-6 **York Sample ID:** 14E0934-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 12:30 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 08:31	05/29/2014 17:30	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*88-114*

Sample Information

Client Sample ID: WQ051914:1300NP1-1-7 **York Sample ID:** 14E0934-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 1:00 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-34-3	**1,1-Dichloroethane**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
67-64-1	**Acetone**	**1.2**	J	ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK

Sample Information

Client Sample ID: WQ051914:1300NP1-1-7 **York Sample ID:** 14E0934-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 1:00 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:04	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.0 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*88-114*

Sample Information

Client Sample ID: WQ051914:1340NP1-1-4 **York Sample ID:** 14E0934-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 1:40 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK

Sample Information

Client Sample ID: WQ051914:1340NP1-1-4 **York Sample ID:** 14E0934-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0934	Rowe Industries	Water	May 19, 2014 1:40 pm	05/22/2014

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
127-18-4	**Tetrachloroethylene**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
79-01-6	**Trichloroethylene**	**0.49**	J	ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.50	0.50	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/29/2014 08:31	05/29/2014 18:37	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.2 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*88-114*

Analytical Batch Summary

Batch ID: BE41556 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14E0934-01	WQ051914:1230NP1-1-6	05/29/14
14E0934-02	WQ051914:1300NP1-1-7	05/29/14
14E0934-03	WQ051914:1340NP1-1-4	05/29/14
BE41556-BLK1	Blank	05/29/14
BE41556-BS1	LCS	05/29/14
BE41556-BSD1	LCS Dup	05/29/14

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
Blank (BE41556-BLK1)											Prepared & Analyzed: 05/29/2014
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
Blank (BE41556-BLK1)								Prepared & Analyzed: 05/29/2014			
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.47*		*"*	*10.0*		*94.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*70-128*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*88-114*				
LCS (BE41556-BS1)								Prepared & Analyzed: 05/29/2014			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	85-118				
1,1,1-Trichloroethane	10.2		"	10.0		102	74-128				
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.90		"	10.0		89.0	51-157				
1,1,2-Trichloroethane	10.2		"	10.0		102	80-122				
1,1-Dichloroethane	10.1		"	10.0		101	70-131				
1,1-Dichloroethylene	9.09		"	10.0		90.9	60-143				
1,1-Dichloropropylene	10.2		"	10.0		102	78-122				
1,2,3-Trichlorobenzene	10.7		"	10.0		107	68-140				
1,2,3-Trichloropropane	9.65		"	10.0		96.5	77-125				
1,2,4-Trichlorobenzene	10.6		"	10.0		106	65-143				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	83-121				
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	60-146				
1,2-Dibromoethane	10.3		"	10.0		103	82-122				
1,2-Dichlorobenzene	10.2		"	10.0		102	85-115				
1,2-Dichloroethane	9.90		"	10.0		99.0	72-126				
1,2-Dichloropropane	9.97		"	10.0		99.7	78-119				
1,3,5-Trimethylbenzene	9.81		"	10.0		98.1	84-118				
1,3-Dichlorobenzene	10.4		"	10.0		104	83-117				
1,3-Dichloropropane	10.1		"	10.0		101	79-121				
1,4-Dichlorobenzene	10.3		"	10.0		103	83-118				
2,2-Dichloropropane	10.8		"	10.0		108	60-135				
2-Chlorotoluene	9.80		"	10.0		98.0	81-118				
2-Hexanone	10.2		"	10.0		102	50-151				
4-Chlorotoluene	9.51		"	10.0		95.1	81-117				
Acetone	7.43		"	10.0		74.3	21-172				
Benzene	10.3		"	10.0		103	82-120				
Bromobenzene	9.56		"	10.0		95.6	82-119				
Bromochloromethane	9.43		"	10.0		94.3	69-125				
Bromodichloromethane	10.3		"	10.0		103	84-117				
Bromoform	10.1		"	10.0		101	77-130				
Bromomethane	9.68		"	10.0		96.8	16-162				
Carbon tetrachloride	10.2		"	10.0		102	72-132				
Chlorobenzene	10.1		"	10.0		101	88-112				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS (BE41556-BS1)							Prepared & Analyzed: 05/29/2014				
Chloroethane	8.67		ug/L	10.0		86.7	29-172				
Chloroform	10.2		"	10.0		102	77-124				
Chloromethane	7.85		"	10.0		78.5	37-131				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	77-124				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	81-117				
Dibromochloromethane	10.4		"	10.0		104	72-131				
Dibromomethane	10.3		"	10.0		103	85-116				
Dichlorodifluoromethane	6.76		"	10.0		67.6	47-152				
Ethyl Benzene	10.2		"	10.0		102	86-114				
Hexachlorobutadiene	9.74		"	10.0		97.4	68-139				
Isopropylbenzene	9.82		"	10.0		98.2	84-118				
Methyl tert-butyl ether (MTBE)	9.93		"	10.0		99.3	49-156				
Methylene chloride	10.2		"	10.0		102	51-145				
Naphthalene	10.2		"	10.0		102	67-141				
n-Butylbenzene	10.8		"	10.0		108	76-125				
n-Propylbenzene	9.92		"	10.0		99.2	84-118				
o-Xylene	10.3		"	10.0		103	85-114				
p- & m- Xylenes	20.7		"	20.0		104	84-117				
p-Isopropyltoluene	10.4		"	10.0		104	84-121				
sec-Butylbenzene	10.1		"	10.0		101	85-119				
Styrene	10.8		"	10.0		108	77-126				
tert-Butylbenzene	9.85		"	10.0		98.5	83-119				
Tetrachloroethylene	10.4		"	10.0		104	75-129				
Toluene	10.2		"	10.0		102	86-113				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	55-148				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	77-120				
Trichloroethylene	10.2		"	10.0		102	85-115				
Trichlorofluoromethane	9.51		"	10.0		95.1	69-131				
Vinyl Chloride	8.36		"	10.0		83.6	44-152				
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*70-128*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS Dup (BE41556-BSD1)							Prepared & Analyzed: 05/29/2014				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	85-118		0.284	30	
1,1,1-Trichloroethane	9.83		"	10.0		98.3	74-128		3.60	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	71-130		1.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43		"	10.0		84.3	51-157		5.42	30	
1,1,2-Trichloroethane	10.6		"	10.0		106	80-122		4.04	30	
1,1-Dichloroethane	9.99		"	10.0		99.9	70-131		1.49	30	
1,1-Dichloroethylene	8.63		"	10.0		86.3	60-143		5.19	30	
1,1-Dichloropropylene	9.90		"	10.0		99.0	78-122		2.79	30	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	68-140		1.30	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-125		3.76	30	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	65-143		0.937	30	
1,2,4-Trimethylbenzene	9.62		"	10.0		96.2	83-121		3.87	30	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	60-146		7.12	30	
1,2-Dibromoethane	10.7		"	10.0		107	82-122		3.72	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	85-115		0.494	30	
1,2-Dichloroethane	10.4		"	10.0		104	72-126		4.73	30	
1,2-Dichloropropane	10.0		"	10.0		100	78-119		0.500	30	
1,3,5-Trimethylbenzene	9.35		"	10.0		93.5	84-118		4.80	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	83-117		2.23	30	
1,3-Dichloropropane	10.6		"	10.0		106	79-121		4.72	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	83-118		2.35	30	
2,2-Dichloropropane	10.2		"	10.0		102	60-135		5.74	30	
2-Chlorotoluene	9.41		"	10.0		94.1	81-118		4.06	30	
2-Hexanone	11.1		"	10.0		111	50-151		9.20	30	
4-Chlorotoluene	9.13		"	10.0		91.3	81-117		4.08	30	
Acetone	6.94		"	10.0		69.4	21-172		6.82	30	
Benzene	10.0		"	10.0		100	82-120		2.94	30	
Bromobenzene	9.41		"	10.0		94.1	82-119		1.58	30	
Bromochloromethane	9.93		"	10.0		99.3	69-125		5.17	30	
Bromodichloromethane	10.3		"	10.0		103	84-117		0.291	30	
Bromoform	10.4		"	10.0		104	77-130		3.03	30	
Bromomethane	8.92		"	10.0		89.2	16-162		8.17	30	
Carbon tetrachloride	9.91		"	10.0		99.1	72-132		2.59	30	
Chlorobenzene	10.1		"	10.0		101	88-112		0.198	30	
Chloroethane	8.38		"	10.0		83.8	29-172		3.40	30	
Chloroform	10.1		"	10.0		101	77-124		0.986	30	
Chloromethane	8.09		"	10.0		80.9	37-131		3.01	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	77-124		0.388	30	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	81-117		0.00	30	
Dibromochloromethane	10.9		"	10.0		109	72-131		4.40	30	
Dibromomethane	10.6		"	10.0		106	85-116		3.15	30	
Dichlorodifluoromethane	6.86		"	10.0		68.6	47-152		1.47	30	
Ethyl Benzene	10.2		"	10.0		102	86-114		0.295	30	
Hexachlorobutadiene	9.37		"	10.0		93.7	68-139		3.87	30	
Isopropylbenzene	9.41		"	10.0		94.1	84-118		4.26	30	
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	49-156		3.56	30	
Methylene chloride	9.80		"	10.0		98.0	51-145		3.71	30	
Naphthalene	10.7		"	10.0		107	67-141		4.60	30	
n-Butylbenzene	10.4		"	10.0		104	76-125		4.43	30	
n-Propylbenzene	9.53		"	10.0		95.3	84-118		4.01	30	
o-Xylene	10.4		"	10.0		104	85-114		0.482	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41556 - EPA 5030B											
LCS Dup (BE41556-BSD1)								Prepared & Analyzed: 05/29/2014			
p- & m- Xylenes	20.6		ug/L	20.0		103	84-117		0.775	30	
p-Isopropyltoluene	9.86		"	10.0		98.6	84-121		5.23	30	
sec-Butylbenzene	9.71		"	10.0		97.1	85-119		4.14	30	
Styrene	10.8		"	10.0		108	77-126		0.556	30	
tert-Butylbenzene	9.49		"	10.0		94.9	83-119		3.72	30	
Tetrachloroethylene	10.1		"	10.0		101	75-129		2.34	30	
Toluene	10.0		"	10.0		100	86-113		1.78	30	
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	55-148		3.77	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	77-120		3.57	30	
Trichloroethylene	9.98		"	10.0		99.8	85-115		2.28	30	
Trichlorofluoromethane	9.11		"	10.0		91.1	69-131		4.30	30	
Vinyl Chloride	8.29		"	10.0		82.9	44-152		0.841	30	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*81-123*				
Surrogate: p-Bromofluorobenzene	*9.58*		*"*	*10.0*		*95.8*	*70-128*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*88-114*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14E0934-01	WQ051914:1230NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0934-02	WQ051914:1300NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14E0934-03	WQ051914:1340NP1-1-4	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/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ 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. 1409134

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

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

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

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

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

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

Samples Collected/Authorized By (Signature)

STEPHEN HANAT
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	Part360-Expanded (No Electron Products)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (All Lists)	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

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)
WQ051914:1230NP1-1-6	5/19/14 1230	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3x
WQ051914:1300NP1-1-7	1300			3x
WQ051914:1340NP1-1-4	1240			3x

Comments

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

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	5/21/14 1000	LBG fridge	5/21/14 1000
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Tabb	5/22/15 1815

Temperature on Receipt 4.3 °C

5/22/3.00

(RW & FRW)

APPENDIX III

MAY 2014 LABORATORY ANALYTICAL REPORTS FOR AIR SAMPLES

Technical Report

prepared for:

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

Report Date: 05/28/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0902

Report Date: 05/28/2014
Client Project ID: Rowe Industries
York Project (SDG) No.: 14E0902

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 May 22, 2014 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
14E0902-01	AQ052014:0800NP4-1	Vapor Extraction	05/20/2014	05/22/2014
14E0902-02	AQ052014:0805NP4-2	Vapor Extraction	05/20/2014	05/22/2014
14E0902-03	AQ052014:0810NP4-3	Vapor Extraction	05/20/2014	05/22/2014

General Notes for York Project (SDG) No.: 14E0902

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: 05/28/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **AQ052014:0800NP4-1** | **York Sample ID:** **14E0902-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:00 am	05/22/2014

Volatile Organics, EPA TO15 Full List | **Log-in Notes:** | **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.44	0.44	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.61	0.61	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.23	0.23	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.69	0.69	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
108-88-3	**Toluene**	**1.2**		ug/m³	0.65	0.65	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.51	0.51	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
127-18-4	**Tetrachloroethylene**	**1.3**	B	ug/m³	1.2	1.2	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
100-42-5	Styrene	ND		ug/m³	0.74	0.74	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
115-07-1	* Propylene	ND		ug/m³	0.30	0.30	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.85	0.85	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
179601-23-1	**p- & m- Xylenes**	**1.6**		ug/m³	1.5	1.5	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
95-47-6	**o-Xylene**	**0.83**		ug/m³	0.75	0.75	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
110-54-3	**n-Hexane**	**1.6**		ug/m³	0.61	0.61	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
142-82-5	n-Heptane	ND		ug/m³	0.71	0.71	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-09-2	**Methylene chloride**	**2.8**		ug/m³	1.2	1.2	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	0.63	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.71	0.71	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
67-63-0	Isopropanol	ND		ug/m³	0.85	0.85	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.75	0.75	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.3	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.60	0.60	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.79	0.79	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.69	0.69	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
67-66-3	Chloroform	ND		ug/m³	0.85	0.85	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.27	0.27	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.54	0.54	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
74-83-9	Bromomethane	ND		ug/m³	0.67	0.67	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.90	0.90	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
71-43-2	Benzene	ND		ug/m³	0.55	0.55	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD

Sample Information

Client Sample ID: AQ052014:0800NP4-1 **York Sample ID:** 14E0902-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:00 am	05/22/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**13**		ug/m³	0.41	0.41	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.4	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
78-93-3	**2-Butanone**	**3.6**		ug/m³	0.51	0.51	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.63	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.75	0.75	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.85	0.85	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.80	0.80	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.70	0.70	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.85	0.85	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.69	0.69	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.70	0.70	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.98	0.98	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.95	0.95	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.3	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.95	0.95	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.86	0.86	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.71	0.71	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.80	0.80	1.708	EPA TO-15	05/27/2014 07:59	05/27/2014 14:30	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.5 %*	*72-118*

Sample Information

Client Sample ID: AQ052014:0805NP4-2 **York Sample ID:** 14E0902-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:05 am	05/22/2014

Sample Information

Client Sample ID: AQ052014:0805NP4-2 **York Sample ID:** 14E0902-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:05 am	05/22/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.49	0.49	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.68	0.68	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
79-01-6	**Trichloroethylene**	**1.6**		ug/m³	0.26	0.26	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.88	0.88	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.77	0.77	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
108-88-3	**Toluene**	**0.73**		ug/m³	0.73	0.73	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.57	0.57	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
127-18-4	**Tetrachloroethylene**	**61**	B	ug/m³	1.3	1.3	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
100-42-5	Styrene	ND		ug/m³	0.82	0.82	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
115-07-1	* Propylene	ND		ug/m³	0.33	0.33	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.95	0.95	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.7	1.7	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
95-47-6	o-Xylene	ND		ug/m³	0.84	0.84	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
110-54-3	n-Hexane	ND		ug/m³	0.68	0.68	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
142-82-5	n-Heptane	ND		ug/m³	0.79	0.79	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-09-2	**Methylene chloride**	**1.6**		ug/m³	1.3	1.3	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.70	0.70	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.79	0.79	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
67-63-0	Isopropanol	ND		ug/m³	0.95	0.95	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	2.1	2.1	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.84	0.84	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	1.4	1.4	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.67	0.67	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.88	0.88	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
156-59-2	**cis-1,2-Dichloroethylene**	**3.3**		ug/m³	0.77	0.77	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
74-87-3	Chloromethane	ND		ug/m³	0.40	0.40	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
67-66-3	Chloroform	ND		ug/m³	0.94	0.94	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-00-3	Chloroethane	ND		ug/m³	0.51	0.51	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.30	0.30	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.60	0.60	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
74-83-9	Bromomethane	ND		ug/m³	0.75	0.75	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-25-2	Bromoform	ND		ug/m³	2.0	2.0	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.2	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
100-44-7	Benzyl chloride	ND		ug/m³	1.0	1.0	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
71-43-2	Benzene	ND		ug/m³	0.62	0.62	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
67-64-1	**Acetone**	**13**		ug/m³	0.46	0.46	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	1.6	1.6	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD

Sample Information

Client Sample ID: AQ052014:0805NP4-2 **York Sample ID:** 14E0902-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:05 am	05/22/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**4.3**		ug/m³	0.57	0.57	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.70	0.70	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.2	1.2	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.2	1.2	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.84	0.84	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.95	0.95	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.4	1.4	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.89	0.89	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.78	0.78	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.2	1.2	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**1.6**		ug/m³	0.95	0.95	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.4	1.4	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.77	0.77	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-34-3	**1,1-Dichloroethane**	**0.86**		ug/m³	0.78	0.78	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.1	1.1	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.1	1.1	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.5	1.5	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.3	1.3	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
71-55-6	**1,1,1-Trichloroethane**	**5.8**		ug/m³	1.1	1.1	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.96	0.96	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.5	1.5	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	1.6	1.6	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.79	0.79	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.89	0.89	1.902	EPA TO-15	05/27/2014 07:59	05/27/2014 15:27	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.8 %*	*72-118*

Sample Information

Client Sample ID: AQ052014:0810NP4-3 **York Sample ID:** 14E0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:10 am	05/22/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: AQ052014:0810NP4-3 **York Sample ID:** 14E0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:10 am	05/22/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	0.45	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.62	0.62	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.24	0.24	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	0.70	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
108-88-3	Toluene	ND		ug/m³	0.67	0.67	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
109-99-9	*** Tetrahydrofuran**	**0.89**		ug/m³	0.52	0.52	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
127-18-4	**Tetrachloroethylene**	**26**	B	ug/m³	1.2	1.2	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
100-42-5	Styrene	ND		ug/m³	0.75	0.75	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
115-07-1	* Propylene	ND		ug/m³	0.30	0.30	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.87	0.87	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	1.5	1.5	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
95-47-6	o-Xylene	ND		ug/m³	0.77	0.77	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
110-54-3	n-Hexane	ND		ug/m³	0.62	0.62	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
142-82-5	n-Heptane	ND		ug/m³	0.72	0.72	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-09-2	**Methylene chloride**	**1.5**		ug/m³	1.2	1.2	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.64	0.64	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	0.72	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
67-63-0	**Isopropanol**	**18**		ug/m³	0.87	0.87	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	0.77	0.77	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.3	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
110-82-7	Cyclohexane	ND		ug/m³	0.61	0.61	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
156-59-2	**cis-1,2-Dichloroethylene**	**3.8**		ug/m³	0.70	0.70	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
74-87-3	Chloromethane	ND		ug/m³	0.37	0.37	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
67-66-3	**Chloroform**	**3.6**		ug/m³	0.86	0.86	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-00-3	Chloroethane	ND		ug/m³	0.47	0.47	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
56-23-5	**Carbon tetrachloride**	**1.4**		ug/m³	0.28	0.28	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-15-0	Carbon disulfide	ND		ug/m³	0.55	0.55	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
74-83-9	Bromomethane	ND		ug/m³	0.69	0.69	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
100-44-7	Benzyl chloride	ND		ug/m³	0.92	0.92	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
71-43-2	Benzene	ND		ug/m³	0.56	0.56	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
67-64-1	**Acetone**	**8.9**		ug/m³	0.42	0.42	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.4	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
78-93-3	**2-Butanone**	**2.0**		ug/m³	0.52	0.52	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD

Sample Information

Client Sample ID: AQ052014:0810NP4-3 **York Sample ID:** 14E0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0902	Rowe Industries	Vapor Extraction	May 20, 2014 8:10 am	05/22/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	0.64	0.64	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	0.77	0.77	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.82	0.82	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.72	0.72	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	0.70	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-34-3	**1,1-Dichloroethane**	**2.6**		ug/m³	0.72	0.72	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.99	0.99	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	0.96	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.4	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
71-55-6	**1,1,1-Trichloroethane**	**18**		ug/m³	0.96	0.96	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.87	0.87	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.81	0.81	1.738	EPA TO-15	05/27/2014 07:59	05/27/2014 16:24	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.8 %*	*72-118*

Analytical Batch Summary

Batch ID: BE41352 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14E0902-01	AQ052014:0800NP4-1	05/27/14
14E0902-02	AQ052014:0805NP4-2	05/27/14
14E0902-03	AQ052014:0810NP4-3	05/27/14
BE41352-BLK1	Blank	05/27/14
BE41352-BS1	LCS	05/27/14

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41352 - EPA TO15 PREP											
Blank (BE41352-BLK1)											Prepared & Analyzed: 05/27/2014
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.14	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	0.69	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	0.50	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.71	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.50	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.73	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41352 - EPA TO15 PREP											
Blank (BE41352-BLK1)								Prepared & Analyzed: 05/27/2014			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*9.42*		*ppbv*	*10.6*		*88.9*	*72-118*				
LCS (BE41352-BS1)								Prepared & Analyzed: 05/27/2014			
Vinyl Chloride	9.27		ppbv	10.2		90.9	70-130				
Vinyl acetate	7.64		"	10.8		70.7	70-130				
Trichloroethylene	8.79		"	9.90		88.8	70-130				
trans-1,3-Dichloropropylene	10.3		"	10.9		94.8	70-130				
trans-1,2-Dichloroethylene	8.53		"	9.70		87.9	70-130				
Toluene	9.31		"	10.4		89.5	70-130				
Tetrahydrofuran	8.12		"	9.20		88.3	70-130				
Tetrachloroethylene	9.50		"	10.0		95.0	70-130				
Styrene	9.97		"	10.3		96.8	70-130				
Propylene	9.10		"	10.4		87.5	70-130				
p-Ethyltoluene	9.72		"	10.1		96.2	70-130				
p- & m- Xylenes	18.0		"	20.2		88.9	70-130				
o-Xylene	9.86		"	10.5		93.9	70-130				
n-Hexane	9.03		"	10.0		90.3	70-130				
n-Heptane	9.04		"	10.3		87.8	70-130				
Methylene chloride	7.82		"	9.90		79.0	70-130				
Methyl tert-butyl ether (MTBE)	8.79		"	9.80		89.7	70-130				
4-Methyl-2-pentanone	7.61		"	9.20		82.7	70-130				
Isopropanol	8.02		"	12.0		66.8	70-130	Low Bias			
Hexachlorobutadiene	9.66		"	9.90		97.6	70-130				
Ethyl Benzene	9.61		"	10.3		93.3	70-130				
Ethyl acetate	7.23		"	8.50		85.1	70-130				
Cyclohexane	9.09		"	10.1		90.0	70-130				
cis-1,3-Dichloropropylene	9.70		"	10.5		92.4	70-130				
cis-1,2-Dichloroethylene	8.75		"	10.3		85.0	70-130				
Chloromethane	9.39		"	10.1		93.0	70-130				
Chloroform	8.98		"	10.1		88.9	70-130				
Chloroethane	8.81		"	9.90		89.0	70-130				
Carbon tetrachloride	9.41		"	10.2		92.3	70-130				
Carbon disulfide	9.11		"	10.5		86.8	70-130				
Bromomethane	8.75		"	9.90		88.4	70-130				
Bromoform	10.0		"	10.1		99.3	70-130				
Bromodichloromethane	9.87		"	9.90		99.7	70-130				
Benzyl chloride	8.68		"	10.2		85.1	70-130				
Benzene	8.81		"	10.2		86.4	70-130				
Acetone	8.05		"	9.80		82.1	70-130				
2-Hexanone	6.66		"	9.30		71.6	70-130				
2-Butanone	8.00		"	9.40		85.1	70-130				
1,4-Dioxane	7.77		"	9.90		78.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE41352 - EPA TO15 PREP											
LCS (BE41352-BS1)								Prepared & Analyzed: 05/27/2014			
1,4-Dichlorobenzene	9.34		ppbv	10.2		91.6	70-130				
1,3-Dichlorobenzene	9.51		"	10.2		93.2	70-130				
1,3-Butadiene	9.29		"	10.1		92.0	70-130				
1,3,5-Trimethylbenzene	9.82		"	10.2		96.3	70-130				
1,2-Dichlorotetrafluoroethane	7.43		"	10.2		72.8	70-130				
1,2-Dichloropropane	9.08		"	10.3		88.2	70-130				
1,2-Dichloroethane	8.98		"	10.1		88.9	70-130				
1,2-Dichlorobenzene	9.33		"	10.1		92.4	70-130				
1,2,4-Trimethylbenzene	9.79		"	10.2		96.0	70-130				
1,2,4-Trichlorobenzene	8.11		"	9.60		84.5	70-130				
1,1-Dichloroethylene	8.73		"	10.0		87.3	70-130				
1,1-Dichloroethane	8.88		"	10.0		88.8	70-130				
Trichlorofluoromethane (Freon 11)	9.46		"	10.5		90.1	70-130				
1,1,2-Trichloroethane	9.24		"	10.3		89.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.61		"	9.70		88.8	70-130				
1,1,2,2-Tetrachloroethane	9.33		"	10.5		88.9	70-130				
1,1,1-Trichloroethane	8.97		"	9.90		90.6	70-130				
Dichlorodifluoromethane	5.80		"	10.0		58.0	70-130	Low Bias			
1,2-Dibromoethane	9.47		"	10.3		91.9	70-130				
Dibromochloromethane	10.7		"	10.3		104	70-130				
Methyl Methacrylate	8.28		"	9.50		87.2	70-130				
Chlorobenzene	9.40		"	10.4		90.4	70-130				
Surrogate: p-Bromofluorobenzene	*9.52*		*"*	*10.6*		*89.8*	*72-118*				

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ 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. 14E0902

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 MNAT
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 Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ052014:0800NP4-1	5/20/14 0800	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
AQ052014:0805NP4-2	0805	AE				6 Liter Summa canister ✓ Tedlar Bag
AQ052014:0810NP4-3	0810	AE				6 Liter Summa canister ✓ Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By — Date/Time: 5/21/14 1000

Samples Relinquished By — Date/Time:

Samples Received By: LBG field room — Date/Time: 5/21/14 1000

Samples Received in LAB by: Grace 5-22-14 — Date/Time: 1830

5/22/14 300