TABLE 2

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

Effluent Water Quality Results

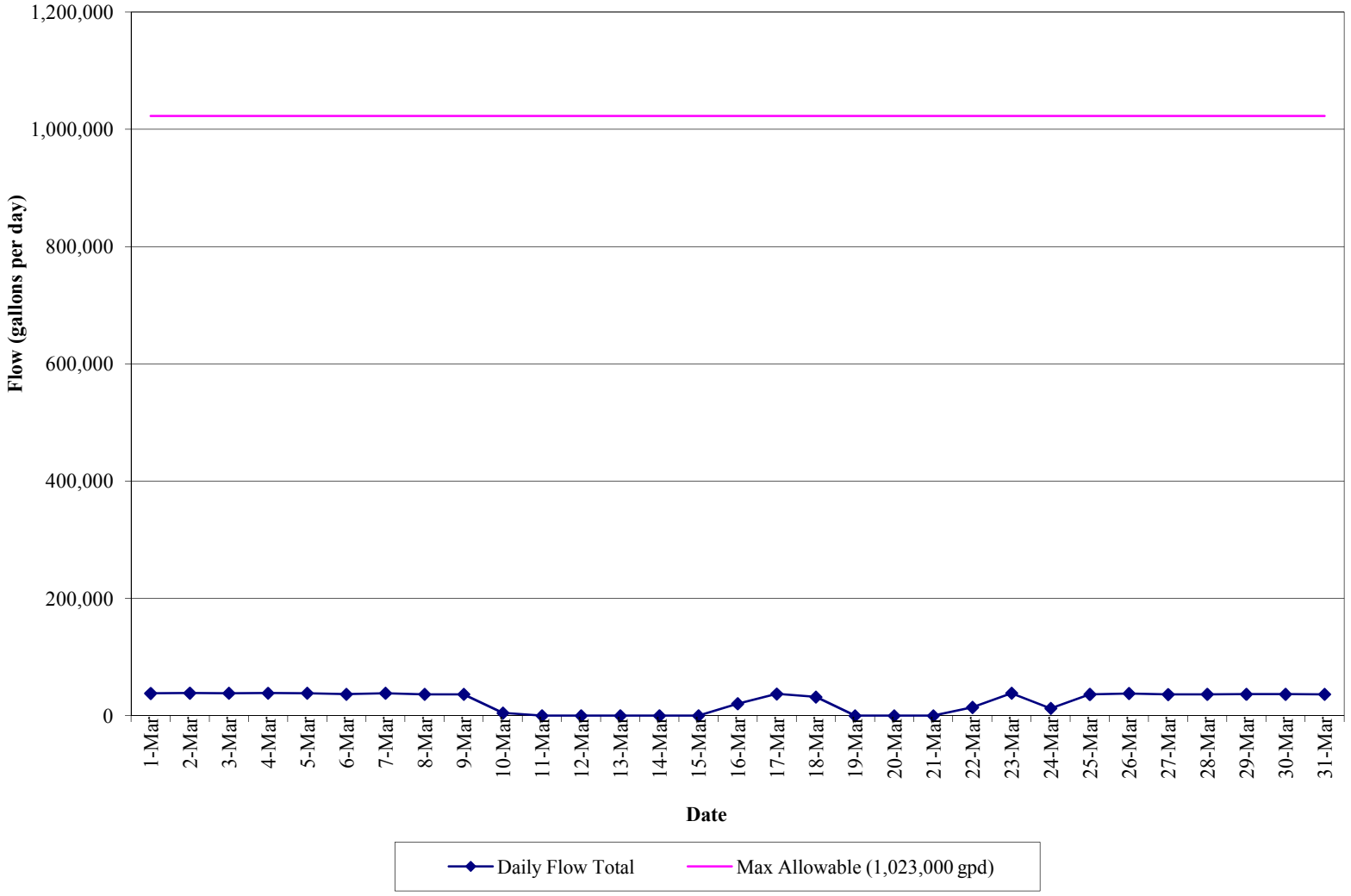
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
1-Mar-16	6.5	159	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.17	0.179
16-Mar-16	6.6	84	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	5.19	0.046
29-Mar-16	6.5	128	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.97	0.092

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
(March 1, 2016 to March 31, 2016)



APPENDIX I
MARCH 2016 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0104

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0104

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 March 03, 2016 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
16C0104-01	WQ030116:1210 NP2-10	Water	03/01/2016	03/03/2016
16C0105-01	WQ030116:1200 NP2-6	Water	03/01/2016	03/03/2016
16C0105-02	WQ030116:1205 NP2-7	Water	03/01/2016	03/03/2016

General Notes for York Project (SDG) No.: 16C0104

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: 03/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ030116:1210 NP2-10 **York Sample ID:** 16C0104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0104	Rowe Industries	Water	March 1, 2016 12:10 pm	03/03/2016

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 Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 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 Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS

Sample Information

Client Sample ID: WQ030116:1210 NP2-10 **York Sample ID:** 16C0104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0104	Rowe Industries	Water	March 1, 2016 12:10 pm	03/03/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/10/2016 08:47 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 15:11	SS

Sample Information

Client Sample ID: WQ030116:1210 NP2-10 **York Sample ID:** 16C0104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0104	Rowe Industries	Water	March 1, 2016 12:10 pm	03/03/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/10/2016 08:47	03/10/2016 15:11	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/10/2016 08:47	03/10/2016 15:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/10/2016 08:47	03/10/2016 15:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.1 %*	*79-122*

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.17**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/04/2016 11:11	03/04/2016 16:23	KV

Sample Information

Client Sample ID: WQ030116:1210 NP2-10 **York Sample ID:** 16C0104-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0104	Rowe Industries	Water	March 1, 2016 12:10 pm	03/03/2016

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.179**		mg/L	0.0222	0.0222	1	EPA 6010C	03/07/2016 10:51	03/07/2016 15:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	**159**		mg/L	10.0	10.0	1	SM 2540C	03/03/2016 16:39	03/04/2016 20:37	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Sample Information

Client Sample ID: WQ030116:1200 NP2-6 **York Sample ID:** 16C0105-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:00 pm	03/03/2016

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	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	**1,1,1-Trichloroethane**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/09/2016 09:54	03/09/2016 20:35	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ030116:1200 NP2-6 **York Sample ID:** 16C0105-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:00 pm	03/03/2016

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS

Sample Information

Client Sample ID: WQ030116:1200 NP2-6 **York Sample ID:** 16C0105-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:00 pm	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.96**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854	03/09/2016 20:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854	03/09/2016 20:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
127-18-4	**Tetrachloroethylene**	**6.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:35	SS

Sample Information

Client Sample ID: WQ030116:1200 NP2-6 **York Sample ID:** 16C0105-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:00 pm	03/03/2016

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
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS
79-01-6	**Trichloroethylene**	**0.69**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/09/2016 09:54	03/09/2016 20:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.9 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**2.30**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/04/2016 11:11	03/04/2016 16:28	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.113**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/07/2016 10:51	03/07/2016 16:00	KV

Sample Information

Client Sample ID: WQ030116:1205 NP2-7 **York Sample ID:** 16C0105-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:05 pm	03/03/2016

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

Sample Information

Client Sample ID: WQ030116:1205 NP2-7 **York Sample ID:** 16C0105-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:05 pm	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS

Sample Information

Client Sample ID: WQ030116:1205 NP2-7 **York Sample ID:** 16C0105-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:05 pm	03/03/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 21:04	SS

Sample Information

Client Sample ID: WQ030116:1205 NP2-7 **York Sample ID:** 16C0105-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:05 pm	03/03/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 21:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 21:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/09/2016 09:54	03/09/2016 21:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*114 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.2 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.57**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/04/2016 11:11	03/04/2016 16:33	KV

Sample Information

Client Sample ID: WQ030116:1205 NP2-7 **York Sample ID:** 16C0105-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0105	Rowe Industries	Water	March 1, 2016 12:05 pm	03/03/2016

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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**	**0.209**		mg/L	0.0222	0.0222	1	EPA 6010C	03/07/2016 10:51	03/07/2016 16:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BC60221 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16C0104-01	WQ030116:1210 NP2-10	03/03/16
BC60221-BLK1	Blank	03/03/16
BC60221-DUP2	Duplicate	03/03/16

Batch ID: BC60261 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16C0104-01	WQ030116:1210 NP2-10	03/04/16
16C0105-01	WQ030116:1200 NP2-6	03/04/16
16C0105-02	WQ030116:1205 NP2-7	03/04/16
BC60261-BLK1	Blank	03/04/16
BC60261-SRM1	Reference	03/04/16

Batch ID: BC60330 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16C0104-01	WQ030116:1210 NP2-10	03/07/16
16C0105-01	WQ030116:1200 NP2-6	03/07/16
16C0105-02	WQ030116:1205 NP2-7	03/07/16
BC60330-BLK1	Blank	03/07/16
BC60330-SRM1	Reference	03/07/16

Batch ID: BC60460 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
16C0105-01	WQ030116:1200 NP2-6	03/09/16
16C0105-02	WQ030116:1205 NP2-7	03/09/16
BC60460-BLK1	Blank	03/09/16
BC60460-BS1	LCS	03/09/16
BC60460-BSD1	LCS Dup	03/09/16

Batch ID: BC60547 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
16C0104-01	WQ030116:1210 NP2-10	03/10/16
BC60547-BLK1	Blank	03/10/16
BC60547-BS1	LCS	03/10/16
BC60547-BSD1	LCS Dup	03/10/16

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 BC60460 - EPA 5030B											
Blank (BC60460-BLK1)											Prepared & Analyzed: 03/09/2016
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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	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

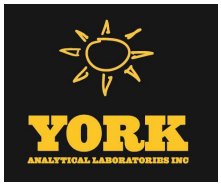
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60460 - EPA 5030B											
Blank (BC60460-BLK1)								Prepared & Analyzed: 03/09/2016			
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	0.32	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*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*79-122*				
LCS (BC60460-BS1)								Prepared & Analyzed: 03/09/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.4		"	10.0		114	68-138				
1,1-Dichloropropylene	10.9		"	10.0		109	83-133				
1,2,3-Trichlorobenzene	10.8		"	10.0		108	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.58		"	10.0		95.8	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	11.4		"	10.0		114	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	11.3		"	10.0		113	85-124				
2,2-Dichloropropane	11.3		"	10.0		113	56-150				
2-Chlorotoluene	11.6		"	10.0		116	79-130				
2-Hexanone	7.67		"	10.0		76.7	51-146				
4-Chlorotoluene	11.6		"	10.0		116	79-128				
Acetone	11.9		"	10.0		119	14-150				
Benzene	11.1		"	10.0		111	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.49		"	10.0		94.9	78-133				
Bromomethane	5.83		"	10.0		58.3	43-168				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				

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 BC60460 - EPA 5030B											
LCS (BC60460-BS1)								Prepared & Analyzed: 03/09/2016			
Chloroethane	11.4		ug/L	10.0		114	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	10.7		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	13.7		"	10.0		137	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	11.7		"	10.0		117	67-146				
Isopropylbenzene	11.4		"	10.0		114	76-140				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	10.1		"	10.0		101	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	11.5		"	10.0		115	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	11.6		"	10.0		116	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butylbenzene	11.4		"	10.0		114	77-138				
Tetrachloroethylene	10.7		"	10.0		107	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	12.6		"	10.0		126	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



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 BC60460 - EPA 5030B											
LCS Dup (BC60460-BSD1)								Prepared & Analyzed: 03/09/2016			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126		4.03	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		1.65	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		4.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165		0.683	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		2.79	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		1.08	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		0.175	30	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133		5.00	30	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	76-136		9.86	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		5.92	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		5.79	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		1.47	30	
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	45-147		6.35	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		2.54	30	
1,2-Dichlorobenzene	11.1		"	10.0		111	79-123		3.01	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		3.44	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		3.77	30	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131		3.09	30	
1,3-Dichlorobenzene	11.8		"	10.0		118	86-122		2.93	30	
1,3-Dichloropropane	10.7		"	10.0		107	81-125		5.07	30	
1,4-Dichlorobenzene	11.9		"	10.0		119	85-124		5.42	30	
2,2-Dichloropropane	11.3		"	10.0		113	56-150		0.442	30	
2-Chlorotoluene	11.8		"	10.0		118	79-130		2.23	30	
2-Hexanone	8.33		"	10.0		83.3	51-146		8.25	30	
4-Chlorotoluene	12.2		"	10.0		122	79-128		4.87	30	
Acetone	10.8		"	10.0		108	14-150		10.0	30	
Benzene	11.2		"	10.0		112	85-126		0.989	30	
Bromobenzene	10.6		"	10.0		106	78-129		2.96	30	
Bromochloromethane	11.1		"	10.0		111	77-128		1.18	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.11	30	
Bromoform	9.78		"	10.0		97.8	78-133		3.01	30	
Bromomethane	7.45		"	10.0		74.5	43-168		24.4	30	
Carbon tetrachloride	11.6		"	10.0		116	77-141		1.73	30	
Chlorobenzene	11.6		"	10.0		116	88-120		3.32	30	
Chloroethane	11.5		"	10.0		115	65-136		0.613	30	
Chloroform	11.5		"	10.0		115	82-128		0.786	30	
Chloromethane	10.6		"	10.0		106	43-155		0.562	30	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129		0.619	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		2.49	30	
Dibromochloromethane	10.7		"	10.0		107	80-130		1.13	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.74	30	
Dichlorodifluoromethane	13.2		"	10.0		132	44-144		3.64	30	
Ethyl Benzene	11.3		"	10.0		113	80-131		2.25	30	
Hexachlorobutadiene	11.9		"	10.0		119	67-146		2.29	30	
Isopropylbenzene	11.8		"	10.0		118	76-140		3.02	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.30	30	
Methylene chloride	11.2		"	10.0		112	55-137		2.07	30	
Naphthalene	10.8		"	10.0		108	70-147		6.91	30	
n-Butylbenzene	11.0		"	10.0		110	79-132		3.50	30	
n-Propylbenzene	11.8		"	10.0		118	78-133		3.26	30	
o-Xylene	11.9		"	10.0		119	78-130		3.33	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

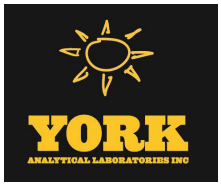
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60460 - EPA 5030B											
LCS Dup (BC60460-BSD1)								Prepared & Analyzed: 03/09/2016			
p- & m- Xylenes	23.4		ug/L	20.0		117	77-133		2.86	30	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		2.16	30	
sec-Butylbenzene	12.0		"	10.0		120	79-137		3.05	30	
Styrene	10.8		"	10.0		108	67-132		2.16	30	
tert-Butylbenzene	11.7		"	10.0		117	77-138		2.95	30	
Tetrachloroethylene	11.1		"	10.0		111	82-131		3.48	30	
Toluene	11.3		"	10.0		113	80-127		2.70	30	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132		2.24	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		5.97	30	
Trichloroethylene	11.1		"	10.0		111	82-128		5.44	30	
Trichlorofluoromethane	12.3		"	10.0		123	67-139		2.49	30	
Vinyl Chloride	11.5		"	10.0		115	58-145		0.786	30	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*79-122*				
Batch BC60547 - EPA 5030B											
Blank (BC60547-BLK1)								Prepared & Analyzed: 03/10/2016			
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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	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	"								

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 BC60547 - EPA 5030B											
Blank (BC60547-BLK1)											Prepared & Analyzed: 03/10/2016
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	0.24	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*79-122*				



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 BC60547 - EPA 5030B											
LCS (BC60547-BS1)								Prepared & Analyzed: 03/10/2016			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	9.47		"	10.0		94.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	7.49		"	10.0		74.9	51-146				
4-Chlorotoluene	11.2		"	10.0		112	79-128				
Acetone	12.9		"	10.0		129	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	9.94		"	10.0		99.4	78-129				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.62		"	10.0		96.2	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.9		"	10.0		109	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	9.91		"	10.0		99.1	72-134				
Dichlorodifluoromethane	12.4		"	10.0		124	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.4		"	10.0		114	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	9.42		"	10.0		94.2	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	11.1		"	10.0		111	78-130				

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 BC60547 - EPA 5030B											
LCS (BC60547-BS1)							Prepared & Analyzed: 03/10/2016				
p- & m- Xylenes	22.1		ug/L	20.0		111	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	10.7		"	10.0		107	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	12.3		"	10.0		123	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS Dup (BC60547-BSD1)							Prepared & Analyzed: 03/10/2016				
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.73	30	
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136		3.03	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		7.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		2.95	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		5.38	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		4.66	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		2.60	30	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133		4.96	30	
1,2,3-Trichlorobenzene	11.6		"	10.0		116	76-136		13.6	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		5.68	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		7.89	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		1.81	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0		94.9	45-147		24.2	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		7.04	30	
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123		5.15	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		6.21	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		3.94	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		1.45	30	
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122		2.51	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		4.84	30	
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124		2.18	30	
2,2-Dichloropropane	12.1		"	10.0		121	56-150		3.44	30	
2-Chlorotoluene	11.2		"	10.0		112	79-130		2.25	30	
2-Hexanone	8.81		"	10.0		88.1	51-146		16.2	30	
4-Chlorotoluene	11.5		"	10.0		115	79-128		2.11	30	
Acetone	13.8		"	10.0		138	14-150		6.07	30	
Benzene	11.1		"	10.0		111	85-126		4.51	30	
Bromobenzene	10.2		"	10.0		102	78-129		2.48	30	
Bromochloromethane	11.4		"	10.0		114	77-128		5.02	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.88	30	
Bromoform	10.2		"	10.0		102	78-133		6.15	30	
Bromomethane	9.87		"	10.0		98.7	43-168		12.9	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		2.14	30	
Chlorobenzene	11.2		"	10.0		112	88-120		2.80	30	
Chloroethane	11.3		"	10.0		113	65-136		2.33	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 BC60547 - EPA 5030B											
LCS Dup (BC60547-BSD1)								Prepared & Analyzed: 03/10/2016			
Chloroform	11.6		ug/L	10.0		116	82-128		4.66	30	
Chloromethane	10.5		"	10.0		105	43-155		2.90	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		5.37	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		4.97	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		7.14	30	
Dibromomethane	10.5		"	10.0		105	72-134		6.16	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		1.87	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		3.17	30	
Hexachlorobutadiene	11.4		"	10.0		114	67-146		0.0879	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		1.64	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	76-135		7.97	30	
Methylene chloride	11.3		"	10.0		113	55-137		2.79	30	
Naphthalene	10.7		"	10.0		107	70-147		12.9	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		0.00	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		1.35	30	
o-Xylene	11.4		"	10.0		114	78-130		3.02	30	
p- & m- Xylenes	22.6		"	20.0		113	77-133		2.32	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		1.03	30	
sec-Butylbenzene	11.2		"	10.0		112	79-137		0.267	30	
Styrene	10.4		"	10.0		104	67-132		2.42	30	
tert-Butylbenzene	11.1		"	10.0		111	77-138		1.18	30	
Tetrachloroethylene	11.0		"	10.0		110	82-131		2.78	30	
Toluene	10.8		"	10.0		108	80-127		3.28	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		5.98	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		4.78	30	
Trichloroethylene	10.8		"	10.0		108	82-128		3.67	30	
Trichlorofluoromethane	12.7		"	10.0		127	67-139		3.36	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		3.80	30	
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*69-130*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				

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 BC60261 - EPA 200.7											
Blank (BC60261-BLK1)								Prepared & Analyzed: 03/04/2016			
Iron	ND	0.0200	mg/L								
Reference (BC60261-SRM1)								Prepared & Analyzed: 03/04/2016			
Iron	0.558		ug/mL	0.570		97.9	85.1-115.1				
Batch BC60330 - EPA 3015A											
Blank (BC60330-BLK1)								Prepared & Analyzed: 03/07/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BC60330-SRM1)								Prepared & Analyzed: 03/07/2016			
Iron - Dissolved	0.637		ug/mL	0.570		112	85.1-115.1				

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 BC60221 - % Solids Prep											
Blank (BC60221-BLK1)									Prepared: 03/03/2016 Analyzed: 03/04/2016		
Total Dissolved Solids	ND	10.0	mg/L								
Duplicate (BC60221-DUP2)	*Source sample: 16C0104-01 (WQ030116:1210 NP2-10)								Prepared: 03/03/2016 Analyzed: 03/04/2016		
Total Dissolved Solids	161	10.0	mg/L		159				1.25	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16C0104-01	WQ030116:1210 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0105-01	WQ030116:1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0105-02	WQ030116:1205 NP2-7	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.
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.

---

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16C0104

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No. HABSAG.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person. Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	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 (16 Dioxin Congs)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox
Halog.only	NJDEP list	App. IX	Chlordane	Trivalent 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)
WQ030116:1200 NP2-6	3-1-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3 voa; 2 plastic
WQ030116:1205 NP2-7	↓	GW	↓	3 voa; 2 plastic
WQ030116:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	3 voa; 3 plastic

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
	3/2/16 1000	LBG Fridge	3/2/16 1000
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	3-3-16 1140

Temperature on Receipt 3.1 °C

Rec'd @ 3/3/16 9.20

(system)

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

Field Chain-of-Custody Record

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

York Project No. 16C0105

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

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

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

Evan Foster
Name (printed)

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

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ030116:1200 NP2-6	3-1-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3 voa; 2 plastic
WQ030116:1205 NP2-7	↓	GW	↓	3 voa; 2 plastic
WQ030116:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260A) plus freon 113 / TDS (SM 2540C)	3 voa; 3 plastic

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]	3/2/16 10:00	LBG Fridge	3/2/16 10:00
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		PAce 3-3-16	1140

Temperature on Receipt 3.1 °C

Rec'd [initials] 3/3/16 9:20

(system)

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 03/29/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0826

Report Date: 03/29/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0826

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 March 21, 2016 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
16C0826-01	WQ031616:1200 NP2-6	Water	03/16/2016	03/21/2016
16C0826-02	WQ031616:1205 NP2-7	Water	03/16/2016	03/21/2016
16C0830-01	WQ031616:1210 NP2-10	Water	03/16/2016	03/21/2016

General Notes for York Project (SDG) No.: 16C0826

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: 03/29/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ031616:1200 NP2-6 **York Sample ID:** 16C0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:00 pm	03/21/2016

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 Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 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 Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:04	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:04	BK

Sample Information

Client Sample ID: WQ031616:1200 NP2-6 **York Sample ID:** 16C0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:00 pm	03/21/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 NELAC-NY10854,NJDEP	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 NELAC-NY10854,NJDEP	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
156-59-2	**cis-1,2-Dichloroethylene**	**0.86**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 18:04 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: WQ031616:1200 NP2-6 **York Sample ID:** 16C0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:00 pm	03/21/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/22/2016 08:25	03/22/2016 18:04	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/22/2016 08:25	03/22/2016 18:04	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
127-18-4	**Tetrachloroethylene**	**9.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
79-01-6	**Trichloroethylene**	**0.69**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/22/2016 08:25	03/22/2016 18:04	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**7.19**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2016 16:06	03/29/2016 00:55	KV

Sample Information

Client Sample ID: WQ031616:1200 NP2-6 **York Sample ID:** 16C0826-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:00 pm	03/21/2016

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2016 16:00	03/28/2016 19:26	KV

Sample Information

Client Sample ID: WQ031616:1205 NP2-7 **York Sample ID:** 16C0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:05 pm	03/21/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK

Sample Information

Client Sample ID: WQ031616:1205 NP2-7 **York Sample ID:** 16C0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:05 pm	03/21/2016

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK

Sample Information

Client Sample ID: WQ031616:1205 NP2-7 **York Sample ID:** 16C0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:05 pm	03/21/2016

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854	03/22/2016 18:31	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854	03/22/2016 18:31	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 18:31	BK

Sample Information

Client Sample ID: WQ031616:1205 NP2-7 **York Sample ID:** 16C0826-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0826	Rowe Industries	Water	March 16, 2016 12:05 pm	03/21/2016

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
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/22/2016 08:25	03/22/2016 18:31	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.0 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**6.95**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2016 16:06	03/29/2016 01:00	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.0454**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2016 16:00	03/28/2016 19:31	KV

Sample Information

Client Sample ID: WQ031616:1210 NP2-10 **York Sample ID:** 16C0830-01

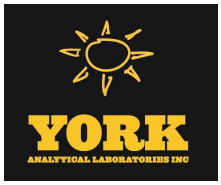
York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0830	Rowe Industries	Water	March 16, 2016 12:10 pm	03/21/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 17:09	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 17:09	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 17:09	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 17:09	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/22/2016 08:25	03/22/2016 17:09	BK



Sample Information

Client Sample ID: WQ031616:1210 NP2-10 **York Sample ID:** 16C0830-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0830	Rowe Industries	Water	March 16, 2016 12:10 pm	03/21/2016

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 NELAC-NY10854,NJDEP	03/22/2016 17:09	BK

Sample Information

Client Sample ID: WQ031616:1210 NP2-10 **York Sample ID:** 16C0830-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0830	Rowe Industries	Water	March 16, 2016 12:10 pm	03/21/2016

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
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854,NJDEP	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854,NJDEP	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854,NJDEP	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854,NJDEP	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 NELAC-NY10854	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25	03/22/2016 17:09 CTDOH,NELAC-NY10854,NJDEP	BK

Sample Information

Client Sample ID: WQ031616:1210 NP2-10 **York Sample ID:** 16C0830-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0830	Rowe Industries	Water	March 16, 2016 12:10 pm	03/21/2016

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NELAC-NY10854,NJDEP	03/22/2016 17:09	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/22/2016 08:25 CTDOH,NJDEP	03/22/2016 17:09	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**5.19**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications:	03/28/2016 16:06 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/29/2016 01:10	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.0464**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications:	03/28/2016 16:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2016 19:36	KV

Total Dissolved Solids

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

Sample Information

Client Sample ID: **WQ031616:1210 NP2-10** **York Sample ID:** **16C0830-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0830	Rowe Industries	Water	March 16, 2016 12:10 pm	03/21/2016

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	**84.0**		mg/L	10.0	10.0	1	SM 2540C	03/23/2016 16:46	03/23/2016 16:46	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Analytical Batch Summary

Batch ID: BC61152 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16C0826-01	WQ031616:1200 NP2-6	03/22/16
16C0826-02	WQ031616:1205 NP2-7	03/22/16
16C0830-01	WQ031616:1210 NP2-10	03/22/16
BC61152-BLK1	Blank	03/22/16
BC61152-BS1	LCS	03/22/16
BC61152-BSD1	LCS Dup	03/22/16

Batch ID: BC61252 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16C0830-01	WQ031616:1210 NP2-10	03/23/16
BC61252-BLK1	Blank	03/23/16

Batch ID: BC61450 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16C0826-01	WQ031616:1200 NP2-6	03/28/16
16C0826-02	WQ031616:1205 NP2-7	03/28/16
16C0830-01	WQ031616:1210 NP2-10	03/28/16
BC61450-BLK1	Blank	03/28/16
BC61450-SRM1	Reference	03/28/16

Batch ID: BC61453 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16C0826-01	WQ031616:1200 NP2-6	03/28/16
16C0826-02	WQ031616:1205 NP2-7	03/28/16
16C0830-01	WQ031616:1210 NP2-10	03/28/16
BC61453-BLK1	Blank	03/28/16
BC61453-SRM1	Reference	03/28/16

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 BC61152 - EPA 5030B											
Blank (BC61152-BLK1)											Prepared & Analyzed: 03/22/2016
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

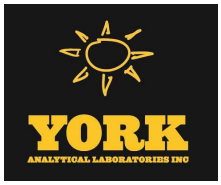
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC61152 - EPA 5030B											
Blank (BC61152-BLK1)								Prepared & Analyzed: 03/22/2016			
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	*9.15*		*"*	*10.0*		*91.5*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				
LCS (BC61152-BS1)								Prepared & Analyzed: 03/22/2016			
1,1,1,2-Tetrachloroethane	9.51		ug/L	10.0		95.1	82-126				
1,1,1-Trichloroethane	9.23		"	10.0		92.3	78-136				
1,1,2,2-Tetrachloroethane	9.37		"	10.0		93.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	8.94		"	10.0		89.4	82-123				
1,1-Dichloroethane	9.53		"	10.0		95.3	82-129				
1,1-Dichloroethylene	9.33		"	10.0		93.3	68-138				
1,1-Dichloropropylene	9.78		"	10.0		97.8	83-133				
1,2,3-Trichlorobenzene	7.36		"	10.0		73.6	76-136	Low Bias			
1,2,3-Trichloropropane	9.61		"	10.0		96.1	77-128				
1,2,4-Trichlorobenzene	8.27		"	10.0		82.7	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	8.21		"	10.0		82.1	45-147				
1,2-Dibromoethane	9.14		"	10.0		91.4	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	8.49		"	10.0		84.9	73-132				
1,2-Dichloropropane	8.56		"	10.0		85.6	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	11.1		"	10.0		111	86-122				
1,3-Dichloropropane	8.56		"	10.0		85.6	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
2,2-Dichloropropane	10.1		"	10.0		101	56-150				
2-Chlorotoluene	10.9		"	10.0		109	79-130				
2-Hexanone	9.08		"	10.0		90.8	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
Acetone	9.40		"	10.0		94.0	14-150				
Benzene	9.86		"	10.0		98.6	85-126				
Bromobenzene	9.09		"	10.0		90.9	78-129				
Bromochloromethane	9.12		"	10.0		91.2	77-128				
Bromodichloromethane	8.38		"	10.0		83.8	79-128				
Bromoform	8.46		"	10.0		84.6	78-133				
Bromomethane	3.31		"	10.0		33.1	43-168	Low Bias			
Carbon tetrachloride	9.31		"	10.0		93.1	77-141				
Chlorobenzene	9.67		"	10.0		96.7	88-120				

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 BC61152 - EPA 5030B											
LCS (BC61152-BS1)								Prepared & Analyzed: 03/22/2016			
Chloroethane	7.99		ug/L	10.0		79.9	65-136				
Chloroform	9.26		"	10.0		92.6	82-128				
Chloromethane	2.73		"	10.0		27.3	43-155	Low Bias			
cis-1,2-Dichloroethylene	9.36		"	10.0		93.6	83-129				
cis-1,3-Dichloropropylene	8.76		"	10.0		87.6	80-131				
Dibromochloromethane	8.99		"	10.0		89.9	80-130				
Dibromomethane	8.42		"	10.0		84.2	72-134				
Dichlorodifluoromethane	8.96		"	10.0		89.6	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	8.77		"	10.0		87.7	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl tert-butyl ether (MTBE)	9.57		"	10.0		95.7	76-135				
Methylene chloride	8.77		"	10.0		87.7	55-137				
Naphthalene	8.46		"	10.0		84.6	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.9		"	20.0		105	77-133				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	11.3		"	10.0		113	79-137				
Styrene	9.50		"	10.0		95.0	67-132				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	10.0		"	10.0		100	82-131				
Toluene	8.69		"	10.0		86.9	80-127				
trans-1,2-Dichloroethylene	9.36		"	10.0		93.6	80-132				
trans-1,3-Dichloropropylene	8.78		"	10.0		87.8	78-131				
Trichloroethylene	9.25		"	10.0		92.5	82-128				
Trichlorofluoromethane	8.85		"	10.0		88.5	67-139				
Vinyl Chloride	7.11		"	10.0		71.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*8.86*		*"*	*10.0*		*88.6*	*69-130*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				



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 BC61152 - EPA 5030B											
LCS Dup (BC61152-BSD1)								Prepared & Analyzed: 03/22/2016			
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		5.92	30	
1,1,1-Trichloroethane	9.83		"	10.0		98.3	78-136		6.30	30	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	76-129		5.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165		3.69	30	
1,1,2-Trichloroethane	9.56		"	10.0		95.6	82-123		6.70	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		5.31	30	
1,1-Dichloroethylene	9.69		"	10.0		96.9	68-138		3.79	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		5.76	30	
1,2,3-Trichlorobenzene	8.21		"	10.0		82.1	76-136		10.9	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		4.77	30	
1,2,4-Trichlorobenzene	8.86		"	10.0		88.6	76-137		6.89	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		3.95	30	
1,2-Dibromo-3-chloropropane	8.69		"	10.0		86.9	45-147		5.68	30	
1,2-Dibromoethane	9.70		"	10.0		97.0	83-124		5.94	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		5.63	30	
1,2-Dichloroethane	9.07		"	10.0		90.7	73-132		6.61	30	
1,2-Dichloropropane	9.03		"	10.0		90.3	78-126		5.34	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		4.66	30	
1,3-Dichlorobenzene	11.7		"	10.0		117	86-122		5.18	30	
1,3-Dichloropropane	9.11		"	10.0		91.1	81-125		6.23	30	
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124		5.76	30	
2,2-Dichloropropane	10.8		"	10.0		108	56-150		6.13	30	
2-Chlorotoluene	11.4		"	10.0		114	79-130		3.85	30	
2-Hexanone	11.7		"	10.0		117	51-146		25.3	30	
4-Chlorotoluene	10.8		"	10.0		108	79-128		4.73	30	
Acetone	14.5		"	10.0		145	14-150		42.8	30	Non-dir.
Benzene	10.5		"	10.0		105	85-126		6.67	30	
Bromobenzene	9.58		"	10.0		95.8	78-129		5.25	30	
Bromochloromethane	9.57		"	10.0		95.7	77-128		4.82	30	
Bromodichloromethane	8.80		"	10.0		88.0	79-128		4.89	30	
Bromoform	8.93		"	10.0		89.3	78-133		5.41	30	
Bromomethane	3.42		"	10.0		34.2	43-168	Low Bias	3.27	30	
Carbon tetrachloride	9.83		"	10.0		98.3	77-141		5.43	30	
Chlorobenzene	10.3		"	10.0		103	88-120		6.12	30	
Chloroethane	8.20		"	10.0		82.0	65-136		2.59	30	
Chloroform	9.87		"	10.0		98.7	82-128		6.38	30	
Chloromethane	3.36		"	10.0		33.6	43-155	Low Bias	20.7	30	
cis-1,2-Dichloroethylene	9.94		"	10.0		99.4	83-129		6.01	30	
cis-1,3-Dichloropropylene	9.13		"	10.0		91.3	80-131		4.14	30	
Dibromochloromethane	9.52		"	10.0		95.2	80-130		5.73	30	
Dibromomethane	8.74		"	10.0		87.4	72-134		3.73	30	
Dichlorodifluoromethane	9.44		"	10.0		94.4	44-144		5.22	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		5.93	30	
Hexachlorobutadiene	9.25		"	10.0		92.5	67-146		5.33	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		4.82	30	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135		6.57	30	
Methylene chloride	9.31		"	10.0		93.1	55-137		5.97	30	
Naphthalene	9.61		"	10.0		96.1	70-147		12.7	30	
n-Butylbenzene	11.5		"	10.0		115	79-132		4.89	30	
n-Propylbenzene	11.5		"	10.0		115	78-133		4.46	30	
o-Xylene	10.8		"	10.0		108	78-130		6.08	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 BC61152 - EPA 5030B											
LCS Dup (BC61152-BSD1)								Prepared & Analyzed: 03/22/2016			
p- & m- Xylenes	22.2		ug/L	20.0		111	77-133		5.85	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		4.39	30	
sec-Butylbenzene	11.8		"	10.0		118	79-137		5.11	30	
Styrene	10.1		"	10.0		101	67-132		6.22	30	
tert-Butylbenzene	11.2		"	10.0		112	77-138		5.50	30	
Tetrachloroethylene	12.7		"	10.0		127	82-131		23.6	30	
Toluene	9.21		"	10.0		92.1	80-127		5.81	30	
trans-1,2-Dichloroethylene	9.84		"	10.0		98.4	80-132		5.00	30	
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	78-131		5.54	30	
Trichloroethylene	9.77		"	10.0		97.7	82-128		5.47	30	
Trichlorofluoromethane	8.65		"	10.0		86.5	67-139		2.29	30	
Vinyl Chloride	7.59		"	10.0		75.9	58-145		6.53	30	
Surrogate: 1,2-Dichloroethane-d4	*9.07*		*"*	*10.0*		*90.7*	*69-130*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.65*		*"*	*10.0*		*96.5*	*79-122*				

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 BC61450 - EPA 3015A											
Blank (BC61450-BLK1)								Prepared & Analyzed: 03/28/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BC61450-SRM1)								Prepared & Analyzed: 03/28/2016			
Iron - Dissolved	0.566		ug/mL	0.570		99.3	85.1-115.1				
Batch BC61453 - EPA 200.7											
Blank (BC61453-BLK1)								Prepared & Analyzed: 03/28/2016			
Iron	ND	0.0200	mg/L								
Reference (BC61453-SRM1)								Prepared & Analyzed: 03/28/2016			
Iron	0.561		ug/mL	0.570		98.4	85.1-115.1				

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 BC61252 - % Solids Prep											
Blank (BC61252-BLK1)											Prepared & Analyzed: 03/23/2016
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16C0826-01	WQ031616:1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0826-02	WQ031616:1205 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0830-01	WQ031616:1210 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

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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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16C0826

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

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

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

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

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

Samples Collected/Authorized By (Signature)
Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	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 (46 Discrete Parms)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (Full List)	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ031616:1200 NP2-6	3-16-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3voa, 2 plastic
WQ031616:1205 NP2-7	↓	GW	↓	3voa, 2 plastic
WQ031616:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540c)	3voa, 3 plastic

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: [signature] 3-17-16 1000 Date/Time
Samples Received By: LBG Fridge 3-17-16 1000 Date/Time
Samples Relinquished By: LBG Fridge (QA) 3/21/16 1430 Date/Time
Samples Received in LAB By: L. Gale 3/21/16 1710 Date/Time

Temperature on Receipt 3.5 °C

Rec'd at 8/24/16 14:30 (system)

YORK ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 16C0830

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: 4Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	Purchase Order No. NABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person. Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ031616-1200 NP2-6	3-16-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3voa, 2plastic
WQ031616-1205 NP2-7	↓	GW	↓	3voa, 2plastic
WQ031616-1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B), plus freon 113 / TDS (SM 2540c)	3voa, 3plastic

Comments

Preservation Check those Applicable: 4°C X Frozen__ HCl X MeOH__ HNO_3 X H_2SO_4__ NaOH__ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	3-17-16 1000	LBG Fedex	3-17-16 1000
LBG Fedex (QA)	3/21/16 1430		
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 3.5 °C

Rec'd at 3/22/16 14:30 (system)

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/06/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0025

Report Date: 04/06/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0025

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 April 01, 2016 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
16D0025-01	WQ032916:1200 NP2-6	Water	03/29/2016	04/01/2016
16D0025-02	WQ032916:1205 NP2-7	Water	03/29/2016	04/01/2016
16D0027-01	WQ032916: 1210 NP2-10	Water	03/29/2016	04/01/2016

General Notes for York Project (SDG) No.: 16D0025

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: 04/06/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ032916:1200 NP2-6 **York Sample ID:** 16D0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:00 pm	04/01/2016

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 Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS

Sample Information

Client Sample ID: WQ032916:1200 NP2-6 **York Sample ID:** 16D0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:00 pm	04/01/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:40	SS

Sample Information

Client Sample ID: WQ032916:1200 NP2-6 **York Sample ID:** 16D0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:00 pm	04/01/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/04/2016 08:39	04/04/2016 18:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/04/2016 08:39	04/04/2016 18:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
127-18-4	**Tetrachloroethylene**	**7.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
79-01-6	**Trichloroethylene**	**0.66**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/04/2016 08:39	04/04/2016 18:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

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**	**1.87**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2016 11:44	04/05/2016 15:40	KV

Sample Information

Client Sample ID: WQ032916:1200 NP2-6 **York Sample ID:** 16D0025-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:00 pm	04/01/2016

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

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**	**0.0406**		mg/L	0.0222	0.0222	1	EPA 6010C	04/04/2016 10:35	04/04/2016 15:55	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ032916:1205 NP2-7 **York Sample ID:** 16D0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:05 pm	04/01/2016

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	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:39	04/04/2016 19:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ032916:1205 NP2-7 **York Sample ID:** 16D0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:05 pm	04/01/2016

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS

Sample Information

Client Sample ID: WQ032916:1205 NP2-7 **York Sample ID:** 16D0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:05 pm	04/01/2016

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
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854	04/04/2016 19:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2016 08:39 NELAC-NY10854	04/04/2016 19:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:39 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 19:09	SS

Sample Information

Client Sample ID: WQ032916:1205 NP2-7 **York Sample ID:** 16D0025-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0025	Rowe Industries	Water	March 29, 2016 12:05 pm	04/01/2016

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
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/04/2016 08:39	04/04/2016 19:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**1.17**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2016 11:44	04/05/2016 15:58	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.105**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2016 10:35	04/04/2016 16:00	KV

Sample Information

Client Sample ID: WQ032916: 1210 NP2-10 **York Sample ID:** 16D0027-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0027	Rowe Industries	Water	March 29, 2016 12:10 pm	04/01/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS

Sample Information

Client Sample ID: WQ032916: 1210 NP2-10 **York Sample ID:** 16D0027-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0027	Rowe Industries	Water	March 29, 2016 12:10 pm	04/01/2016

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
67-64-1	**Acetone**	**1.0**	CCV-E, SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 CTDOH,NELAC-NY10854,NJDEP	04/04/2016 18:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2016 08:41 NELAC-NY10854,NJDEP	04/04/2016 18:06	SS

Sample Information

Client Sample ID: **WQ032916: 1210 NP2-10** **York Sample ID:** **16D0027-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0027	Rowe Industries	Water	March 29, 2016 12:10 pm	04/01/2016

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
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/04/2016 08:41	04/04/2016 18:06	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/04/2016 08:41	04/04/2016 18:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/04/2016 08:41	04/04/2016 18:06	SS

Sample Information

Client Sample ID: WQ032916: 1210 NP2-10 **York Sample ID:** 16D0027-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0027	Rowe Industries	Water	March 29, 2016 12:10 pm	04/01/2016

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/04/2016 08:41	04/04/2016 18:06	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

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**	**0.965**		mg/L	0.0162	0.0222	1	EPA 200.7	04/05/2016 11:44	04/05/2016 16:03	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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**	**0.0923**		mg/L	0.0222	0.0222	1	EPA 6010C	04/04/2016 10:35	04/04/2016 16:05	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

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

Sample Information

Client Sample ID: **WQ032916: 1210 NP2-10** **York Sample ID:** **16D0027-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0027	Rowe Industries	Water	March 29, 2016 12:10 pm	04/01/2016

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	**128**		mg/L	10.0	10.0	1	SM 2540C	04/01/2016 17:18	04/04/2016 22:35	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Analytical Batch Summary

Batch ID: BD60070 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16D0027-01	WQ032916: 1210 NP2-10	04/01/16
BD60070-BLK1	Blank	04/01/16

Batch ID: BD60097 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0025-01	WQ032916:1200 NP2-6	04/04/16
16D0025-02	WQ032916:1205 NP2-7	04/04/16
BD60097-BLK1	Blank	04/04/16
BD60097-BS1	LCS	04/04/16
BD60097-BSD1	LCS Dup	04/04/16

Batch ID: BD60098 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0027-01	WQ032916: 1210 NP2-10	04/04/16
BD60098-BLK1	Blank	04/04/16
BD60098-BS1	LCS	04/04/16
BD60098-BSD1	LCS Dup	04/04/16

Batch ID: BD60119 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0025-01	WQ032916:1200 NP2-6	04/04/16
16D0025-02	WQ032916:1205 NP2-7	04/04/16
16D0027-01	WQ032916: 1210 NP2-10	04/04/16
BD60119-BLK1	Blank	04/04/16
BD60119-SRM1	Reference	04/04/16

Batch ID: BD60187 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0025-01	WQ032916:1200 NP2-6	04/05/16
16D0025-02	WQ032916:1205 NP2-7	04/05/16
16D0027-01	WQ032916: 1210 NP2-10	04/05/16
BD60187-BLK1	Blank	04/05/16
BD60187-DUP1	Duplicate	04/05/16
BD60187-MS1	Matrix Spike	04/05/16
BD60187-SRM1	Reference	04/05/16

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 BD60097 - EPA 5030B											
Blank (BD60097-BLK1)											Prepared & Analyzed: 04/04/2016
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.7	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 BD60097 - EPA 5030B											
Blank (BD60097-BLK1)								Prepared & Analyzed: 04/04/2016			
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	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
LCS (BD60097-BS1)								Prepared & Analyzed: 04/04/2016			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123				
1,1-Dichloroethane	10.6		"	10.0		106	82-129				
1,1-Dichloroethylene	9.87		"	10.0		98.7	68-138				
1,1-Dichloropropylene	11.6		"	10.0		116	83-133				
1,2,3-Trichlorobenzene	15.2		"	10.0		152	76-136	High Bias			
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	13.4		"	10.0		134	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	11.3		"	10.0		113	45-147				
1,2-Dibromoethane	11.1		"	10.0		111	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.6		"	10.0		116	73-132				
1,2-Dichloropropane	10.5		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	11.0		"	10.0		110	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	11.3		"	10.0		113	56-150				
2-Chlorotoluene	10.5		"	10.0		105	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	11.3		"	10.0		113	79-128				
Acetone	8.61		"	10.0		86.1	14-150				
Benzene	11.8		"	10.0		118	85-126				
Bromobenzene	9.98		"	10.0		99.8	78-129				
Bromochloromethane	12.1		"	10.0		121	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.7		"	10.0		107	78-133				
Bromomethane	9.53		"	10.0		95.3	43-168				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.6		"	10.0		106	88-120				

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 BD60097 - EPA 5030B											
LCS (BD60097-BS1)								Prepared & Analyzed: 04/04/2016			
Chloroethane	11.1		ug/L	10.0		111	65-136				
Chloroform	11.7		"	10.0		117	82-128				
Chloromethane	12.3		"	10.0		123	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Dibromochloromethane	11.0		"	10.0		110	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	11.9		"	10.0		119	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	13.7		"	10.0		137	67-146				
Isopropylbenzene	10.5		"	10.0		105	76-140				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylene chloride	9.64		"	10.0		96.4	55-137				
Naphthalene	15.4		"	10.0		154	70-147	High Bias			
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	21.9		"	20.0		109	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.6		"	10.0		106	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	11.1		"	10.0		111	67-139				
Vinyl Chloride	11.9		"	10.0		119	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

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 BD60097 - EPA 5030B											
LCS Dup (BD60097-BSD1)								Prepared & Analyzed: 04/04/2016			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		0.556	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		0.517	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		2.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.54		"	10.0		95.4	54-165		8.82	30	
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123		0.828	30	
1,1-Dichloroethane	10.6		"	10.0		106	82-129		0.0947	30	
1,1-Dichloroethylene	9.56		"	10.0		95.6	68-138		3.19	30	
1,1-Dichloropropylene	12.0		"	10.0		120	83-133		3.74	30	
1,2,3-Trichlorobenzene	13.0		"	10.0		130	76-136		15.7	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		6.14	30	
1,2,4-Trichlorobenzene	11.6		"	10.0		116	76-137		14.0	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		1.61	30	
1,2-Dibromo-3-chloropropane	11.4		"	10.0		114	45-147		0.795	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		2.09	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		1.45	30	
1,2-Dichloroethane	11.3		"	10.0		113	73-132		2.97	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		1.05	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		2.59	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		1.14	30	
1,3-Dichloropropane	10.9		"	10.0		109	81-125		1.18	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		3.80	30	
2,2-Dichloropropane	11.2		"	10.0		112	56-150		0.443	30	
2-Chlorotoluene	10.3		"	10.0		103	79-130		1.54	30	
2-Hexanone	9.35		"	10.0		93.5	51-146		12.6	30	
4-Chlorotoluene	10.8		"	10.0		108	79-128		4.33	30	
Acetone	7.91		"	10.0		79.1	14-150		8.47	30	
Benzene	11.8		"	10.0		118	85-126		0.424	30	
Bromobenzene	9.80		"	10.0		98.0	78-129		1.82	30	
Bromochloromethane	11.8		"	10.0		118	77-128		2.68	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		2.12	30	
Bromoform	10.4		"	10.0		104	78-133		2.27	30	
Bromomethane	8.86		"	10.0		88.6	43-168		7.29	30	
Carbon tetrachloride	11.6		"	10.0		116	77-141		0.778	30	
Chlorobenzene	10.6		"	10.0		106	88-120		0.00	30	
Chloroethane	11.1		"	10.0		111	65-136		0.0898	30	
Chloroform	11.7		"	10.0		117	82-128		0.599	30	
Chloromethane	12.8		"	10.0		128	43-155		3.51	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		1.83	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131		1.01	30	
Dibromochloromethane	10.9		"	10.0		109	80-130		0.730	30	
Dibromomethane	10.2		"	10.0		102	72-134		1.27	30	
Dichlorodifluoromethane	13.6		"	10.0		136	44-144		13.0	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		0.00	30	
Hexachlorobutadiene	11.3		"	10.0		113	67-146		19.6	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		0.671	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		2.92	30	
Methylene chloride	9.65		"	10.0		96.5	55-137		0.104	30	
Naphthalene	12.4		"	10.0		124	70-147		21.2	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		1.89	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		1.58	30	
o-Xylene	10.6		"	10.0		106	78-130		0.566	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

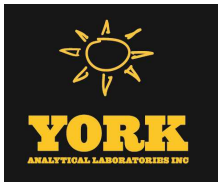
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60097 - EPA 5030B											
LCS Dup (BD60097-BSD1)								Prepared & Analyzed: 04/04/2016			
p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.183	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		2.25	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		0.574	30	
Styrene	10.6		"	10.0		106	67-132		1.96	30	
tert-Butylbenzene	10.4		"	10.0		104	77-138		0.477	30	
Tetrachloroethylene	9.99		"	10.0		99.9	82-131		0.897	30	
Toluene	10.7		"	10.0		107	80-127		0.376	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		0.382	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		0.738	30	
Trichloroethylene	10.4		"	10.0		104	82-128		0.0964	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		0.542	30	
Vinyl Chloride	12.2		"	10.0		122	58-145		2.40	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
Batch BD60098 - EPA 5030B											
Blank (BD60098-BLK1)								Prepared & Analyzed: 04/04/2016			
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	1.4	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	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

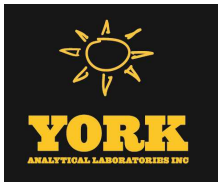
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60098 - EPA 5030B											
Blank (BD60098-BLK1)											Prepared & Analyzed: 04/04/2016
Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	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	*9.95*		*"*	*10.0*		*99.5*	*69-130*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

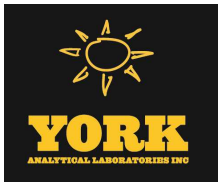
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60098 - EPA 5030B											
LCS (BD60098-BS1)								Prepared & Analyzed: 04/04/2016			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.28		"	10.0		92.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	11.3		"	10.0		113	83-133				
1,2,3-Trichlorobenzene	8.57		"	10.0		85.7	76-136				
1,2,3-Trichloropropane	9.70		"	10.0		97.0	77-128				
1,2,4-Trichlorobenzene	8.88		"	10.0		88.8	76-137				
1,2,4-Trimethylbenzene	9.99		"	10.0		99.9	82-132				
1,2-Dibromo-3-chloropropane	8.89		"	10.0		88.9	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	11.0		"	10.0		110	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122				
1,3-Dichloropropane	10.4		"	10.0		104	81-125				
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	10.4		"	10.0		104	79-130				
2-Hexanone	10.6		"	10.0		106	51-146				
4-Chlorotoluene	10.6		"	10.0		106	79-128				
Acetone	11.9		"	10.0		119	14-150				
Benzene	10.8		"	10.0		108	85-126				
Bromobenzene	9.77		"	10.0		97.7	78-129				
Bromochloromethane	11.3		"	10.0		113	77-128				
Bromodichloromethane	9.92		"	10.0		99.2	79-128				
Bromoform	10.1		"	10.0		101	78-133				
Bromomethane	6.59		"	10.0		65.9	43-168				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	11.5		"	10.0		115	65-136				
Chloroform	10.6		"	10.0		106	82-128				
Chloromethane	8.99		"	10.0		89.9	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	9.82		"	10.0		98.2	72-134				
Dichlorodifluoromethane	12.4		"	10.0		124	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	9.54		"	10.0		95.4	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135				
Methylene chloride	10.9		"	10.0		109	55-137				
Naphthalene	8.48		"	10.0		84.8	70-147				
n-Butylbenzene	9.59		"	10.0		95.9	79-132				
n-Propylbenzene	10.7		"	10.0		107	78-133				
o-Xylene	11.3		"	10.0		113	78-130				



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 BD60098 - EPA 5030B											
LCS (BD60098-BS1)							Prepared & Analyzed: 04/04/2016				
p- & m- Xylenes	22.3		ug/L	20.0		111	77-133				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	10.3		"	10.0		103	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	10.8		"	10.0		108	82-131				
Toluene	9.83		"	10.0		98.3	80-127				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	10.3		"	10.0		103	82-128				
Trichlorofluoromethane	11.7		"	10.0		117	67-139				
Vinyl Chloride	11.9		"	10.0		119	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.67*		*"*	*10.0*		*96.7*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.91*		*"*	*10.0*		*99.1*	*79-122*				
LCS Dup (BD60098-BSD1)							Prepared & Analyzed: 04/04/2016				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		0.283	30	
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136		0.186	30	
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	76-129		0.858	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		0.449	30	
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123		0.492	30	
1,1-Dichloroethane	10.7		"	10.0		107	82-129		1.02	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		0.0908	30	
1,1-Dichloropropylene	11.4		"	10.0		114	83-133		0.619	30	
1,2,3-Trichlorobenzene	9.29		"	10.0		92.9	76-136		8.06	30	
1,2,3-Trichloropropane	9.41		"	10.0		94.1	77-128		3.04	30	
1,2,4-Trichlorobenzene	9.24		"	10.0		92.4	76-137		3.97	30	
1,2,4-Trimethylbenzene	9.75		"	10.0		97.5	82-132		2.43	30	
1,2-Dibromo-3-chloropropane	9.02		"	10.0		90.2	45-147		1.45	30	
1,2-Dibromoethane	10.2		"	10.0		102	83-124		0.00	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.55	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		2.02	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		1.45	30	
1,3,5-Trimethylbenzene	9.87		"	10.0		98.7	80-131		3.19	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		2.31	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		0.676	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		2.30	30	
2,2-Dichloropropane	11.0		"	10.0		110	56-150		0.994	30	
2-Chlorotoluene	10.3		"	10.0		103	79-130		1.36	30	
2-Hexanone	10.4		"	10.0		104	51-146		2.10	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		0.570	30	
Acetone	9.77		"	10.0		97.7	14-150		19.9	30	
Benzene	10.9		"	10.0		109	85-126		1.20	30	
Bromobenzene	9.51		"	10.0		95.1	78-129		2.70	30	
Bromochloromethane	10.8		"	10.0		108	77-128		4.80	30	
Bromodichloromethane	9.90		"	10.0		99.0	79-128		0.202	30	
Bromoform	10.0		"	10.0		100	78-133		0.496	30	
Bromomethane	6.00		"	10.0		60.0	43-168		9.37	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		0.893	30	
Chlorobenzene	11.0		"	10.0		110	88-120		0.994	30	
Chloroethane	11.3		"	10.0		113	65-136		1.67	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 BD60098 - EPA 5030B											
LCS Dup (BD60098-BSD1)								Prepared & Analyzed: 04/04/2016			
Chloroform	10.7		ug/L	10.0		107	82-128		0.656	30	
Chloromethane	9.17		"	10.0		91.7	43-155		1.98	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		0.992	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		1.11	30	
Dibromochloromethane	10.6		"	10.0		106	80-130		1.03	30	
Dibromomethane	9.86		"	10.0		98.6	72-134		0.407	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		1.38	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.749	30	
Hexachlorobutadiene	9.45		"	10.0		94.5	67-146		0.948	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		2.22	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		0.743	30	
Methylene chloride	11.0		"	10.0		110	55-137		0.824	30	
Naphthalene	9.11		"	10.0		91.1	70-147		7.16	30	
n-Butylbenzene	9.59		"	10.0		95.9	79-132		0.00	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		0.845	30	
o-Xylene	11.2		"	10.0		112	78-130		1.24	30	
p- & m- Xylenes	22.1		"	20.0		111	77-133		0.586	30	
p-Isopropyltoluene	9.96		"	10.0		99.6	81-136		0.900	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		1.13	30	
Styrene	10.0		"	10.0		100	67-132		2.46	30	
tert-Butylbenzene	10.8		"	10.0		108	77-138		1.11	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		4.07	30	
Toluene	9.76		"	10.0		97.6	80-127		0.715	30	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132		1.62	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		0.465	30	
Trichloroethylene	10.4		"	10.0		104	82-128		0.290	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.03	30	
Vinyl Chloride	11.8		"	10.0		118	58-145		0.591	30	
Surrogate: 1,2-Dichloroethane-d4	*9.71*		*"*	*10.0*		*97.1*	*69-130*				
Surrogate: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				

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 BD60119 - EPA 3015A											
Blank (BD60119-BLK1)								Prepared & Analyzed: 04/04/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BD60119-SRM1)								Prepared & Analyzed: 04/04/2016			
Iron - Dissolved	0.650		ug/mL	0.570		114	85.1-115.1				
Batch BD60187 - EPA 200.7											
Blank (BD60187-BLK1)								Prepared & Analyzed: 04/05/2016			
Iron	ND	0.0200	mg/L								
Duplicate (BD60187-DUP1)	*Source sample: 16D0025-01 (WQ032916:1200 NP2-6)							Prepared & Analyzed: 04/05/2016			
Iron	1.65	0.0222	mg/L		1.87				12.7	20	
Matrix Spike (BD60187-MS1)	*Source sample: 16D0025-01 (WQ032916:1200 NP2-6)							Prepared & Analyzed: 04/05/2016			
Iron	2.80	0.0222	mg/L	1.11	1.87	83.1	75-125				
Reference (BD60187-SRM1)								Prepared & Analyzed: 04/05/2016			
Iron	0.555		ug/mL	0.570		97.4	85.1-115.1				

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 BD60070 - % Solids Prep											
Blank (BD60070-BLK1)											Prepared: 04/01/2016 Analyzed: 04/04/2016
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0025-01	WQ032916:1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0025-02	WQ032916:1205 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0027-01	WQ032916: 1210 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
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).

---

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16D0025

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. NABSA6.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person. Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ032916:1200 NP2-6	3/29/16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3voa, 2plastic
WQ032916:1205 NP2-7	↓	GW	↓	"
WQ032916:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TDS (SM 2540C)	3voa, 3plastic

Comments

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

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	3/31/16 1000	LBG Fridge	3/31/16 1000
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			4/1/16 1559

Temperature on Receipt 3.8 °C

Rec'd at 4/1/16 12:46 (system)

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 16D0027

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

YOUR Project ID: Rowe Industries.

Purchase Order No.: HABSAG.

Samples from: CT ___ NY X NJ ___

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

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

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

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

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Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Residive	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox
Halog.only	NJDEP list	App. IX	Chlordane	Indiv Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	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)
WQ032916:1200 NP2-6	3/29/16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3voa, 2plastic
WQ032916:1205 NP2-7	↓	GW	↓	"
WQ032916:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus from 113 / TOS (SM 2540c)	3voa, 3plastic

Comments

Preservation (Check those Applicable): #2 ___ Frozen ___ HCl ✓ MeOH ___ HNO_3 ✓ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	3/31/16 1000	LBG Fridge	3/31/16 1000
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			4/1/16 1559

Temperature on Receipt: 3.8 °C

Rec'd at 4/1/16 12:46 (system)

APPENDIX II
MARCH 2016 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0102

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0102

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 March 03, 2016 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
16C0102-01	WQ030116:1100 FRW-1	Water	03/01/2016	03/03/2016
16C0102-02	WQ030116:1105 FRW-2	Water	03/01/2016	03/03/2016
16C0102-03	WQ030116:1110 FRW-3	Water	03/01/2016	03/03/2016
16C0102-04	WQ030116:1115 FRW-4	Water	03/01/2016	03/03/2016

General Notes for York Project (SDG) No.: 16C0102

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: 03/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ030116:1100 FRW-1 **York Sample ID:** 16C0102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:00 am	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
71-55-6	**1,1,1-Trichloroethane**	**2.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS

Sample Information

Client Sample ID: WQ030116:1100 FRW-1 **York Sample ID:** 16C0102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:00 am	03/03/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
156-59-2	**cis-1,2-Dichloroethylene**	**7.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 18:38	SS

Sample Information

Client Sample ID: WQ030116:1100 FRW-1 **York Sample ID:** 16C0102-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:00 am	03/03/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 18:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 18:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
127-18-4	**Tetrachloroethylene**	**290**		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/10/2016 15:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
79-01-6	**Trichloroethylene**	**3.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/09/2016 09:54	03/09/2016 18:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.3 %*	*79-122*

Sample Information

Client Sample ID: WQ030116:1105 FRW-2 **York Sample ID:** 16C0102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:05 am	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS

Sample Information

Client Sample ID: WQ030116:1105 FRW-2 **York Sample ID:** 16C0102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:05 am	03/03/2016

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 19:07	SS NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ030116:1105 FRW-2 **York Sample ID:** 16C0102-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:05 am	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854	03/09/2016 19:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854	03/09/2016 19:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
127-18-4	**Tetrachloroethylene**	**55**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
79-01-6	**Trichloroethylene**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:07	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NJDEP	03/09/2016 19:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.8 %*	*79-122*

Sample Information

Client Sample ID: WQ030116:1110 FRW-3 **York Sample ID:** 16C0102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:10 am	03/03/2016

Sample Information

Client Sample ID: WQ030116:1110 FRW-3 **York Sample ID:** 16C0102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:10 am	03/03/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
75-34-3	**1,1-Dichloroethane**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS

Sample Information

Client Sample ID: WQ030116:1110 FRW-3 **York Sample ID:** 16C0102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:10 am	03/03/2016

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
67-64-1	**Acetone**	**1.4**	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
156-59-2	**cis-1,2-Dichloroethylene**	**29**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
98-82-8	**Isopropylbenzene**	**0.93**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 19:36	SS

Sample Information

Client Sample ID: WQ030116:1110 FRW-3 **York Sample ID:** 16C0102-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:10 am	03/03/2016

Volatile Organics, 8260 List - Low Level

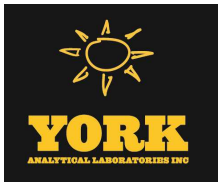
Log-in Notes:

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 19:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 19:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
127-18-4	**Tetrachloroethylene**	**62**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
79-01-6	**Trichloroethylene**	**7.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
75-01-4	**Vinyl Chloride**	**0.62**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/09/2016 09:54	03/09/2016 19:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*79-122*



Sample Information

Client Sample ID: WQ030116:1115 FRW-4 **York Sample ID:** 16C0102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:15 am	03/03/2016

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 Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54 CTDOH,NELAC-NY10854,NJDEP	03/09/2016 20:05	SS

Sample Information

Client Sample ID: WQ030116:1115 FRW-4 **York Sample ID:** 16C0102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:15 am	03/03/2016

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**5.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/09/2016 09:54	03/09/2016 20:05	SS NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ030116:1115 FRW-4 **York Sample ID:** 16C0102-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0102	Rowe Industries	Water	March 1, 2016 11:15 am	03/03/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 20:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/09/2016 09:54	03/09/2016 20:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
127-18-4	**Tetrachloroethylene**	**15**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
79-01-6	**Trichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/09/2016 09:54	03/09/2016 20:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Analytical Batch Summary

Batch ID: BC60460 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
16C0102-01	WQ030116:1100 FRW-1	03/09/16
16C0102-02	WQ030116:1105 FRW-2	03/09/16
16C0102-03	WQ030116:1110 FRW-3	03/09/16
16C0102-04	WQ030116:1115 FRW-4	03/09/16
BC60460-BLK1	Blank	03/09/16
BC60460-BS1	LCS	03/09/16
BC60460-BSD1	LCS Dup	03/09/16

Batch ID: BC60547 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
16C0102-01RE1	WQ030116:1100 FRW-1	03/10/16
BC60547-BLK1	Blank	03/10/16
BC60547-BS1	LCS	03/10/16
BC60547-BSD1	LCS Dup	03/10/16

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 BC60460 - EPA 5030B											
Blank (BC60460-BLK1)											Prepared & Analyzed: 03/09/2016
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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	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

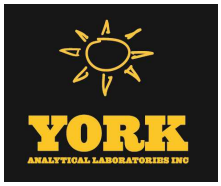
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60460 - EPA 5030B											
Blank (BC60460-BLK1)								Prepared & Analyzed: 03/09/2016			
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	0.32	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*	*69-130*				
Surrogate: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*79-122*				
LCS (BC60460-BS1)								Prepared & Analyzed: 03/09/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	9.69		"	10.0		96.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123				
1,1-Dichloroethane	11.0		"	10.0		110	82-129				
1,1-Dichloroethylene	11.4		"	10.0		114	68-138				
1,1-Dichloropropylene	10.9		"	10.0		109	83-133				
1,2,3-Trichlorobenzene	10.8		"	10.0		108	76-136				
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128				
1,2,4-Trichlorobenzene	10.7		"	10.0		107	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.58		"	10.0		95.8	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	11.4		"	10.0		114	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	11.3		"	10.0		113	85-124				
2,2-Dichloropropane	11.3		"	10.0		113	56-150				
2-Chlorotoluene	11.6		"	10.0		116	79-130				
2-Hexanone	7.67		"	10.0		76.7	51-146				
4-Chlorotoluene	11.6		"	10.0		116	79-128				
Acetone	11.9		"	10.0		119	14-150				
Benzene	11.1		"	10.0		111	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.49		"	10.0		94.9	78-133				
Bromomethane	5.83		"	10.0		58.3	43-168				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.3		"	10.0		113	88-120				

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 BC60460 - EPA 5030B											
LCS (BC60460-BS1)								Prepared & Analyzed: 03/09/2016			
Chloroethane	11.4		ug/L	10.0		114	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	10.7		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	13.7		"	10.0		137	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	11.7		"	10.0		117	67-146				
Isopropylbenzene	11.4		"	10.0		114	76-140				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	10.1		"	10.0		101	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	11.5		"	10.0		115	78-133				
o-Xylene	11.5		"	10.0		115	78-130				
p- & m- Xylenes	22.8		"	20.0		114	77-133				
p-Isopropyltoluene	11.0		"	10.0		110	81-136				
sec-Butylbenzene	11.6		"	10.0		116	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butylbenzene	11.4		"	10.0		114	77-138				
Tetrachloroethylene	10.7		"	10.0		107	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	12.6		"	10.0		126	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				



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 BC60460 - EPA 5030B											
LCS Dup (BC60460-BSD1)								Prepared & Analyzed: 03/09/2016			
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126		4.03	30	
1,1,1-Trichloroethane	11.6		"	10.0		116	78-136		1.65	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		4.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165		0.683	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		2.79	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		1.08	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		0.175	30	
1,1-Dichloropropylene	11.5		"	10.0		115	83-133		5.00	30	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	76-136		9.86	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		5.92	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		5.79	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		1.47	30	
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	45-147		6.35	30	
1,2-Dibromoethane	10.4		"	10.0		104	83-124		2.54	30	
1,2-Dichlorobenzene	11.1		"	10.0		111	79-123		3.01	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		3.44	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		3.77	30	
1,3,5-Trimethylbenzene	11.2		"	10.0		112	80-131		3.09	30	
1,3-Dichlorobenzene	11.8		"	10.0		118	86-122		2.93	30	
1,3-Dichloropropane	10.7		"	10.0		107	81-125		5.07	30	
1,4-Dichlorobenzene	11.9		"	10.0		119	85-124		5.42	30	
2,2-Dichloropropane	11.3		"	10.0		113	56-150		0.442	30	
2-Chlorotoluene	11.8		"	10.0		118	79-130		2.23	30	
2-Hexanone	8.33		"	10.0		83.3	51-146		8.25	30	
4-Chlorotoluene	12.2		"	10.0		122	79-128		4.87	30	
Acetone	10.8		"	10.0		108	14-150		10.0	30	
Benzene	11.2		"	10.0		112	85-126		0.989	30	
Bromobenzene	10.6		"	10.0		106	78-129		2.96	30	
Bromochloromethane	11.1		"	10.0		111	77-128		1.18	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.11	30	
Bromoform	9.78		"	10.0		97.8	78-133		3.01	30	
Bromomethane	7.45		"	10.0		74.5	43-168		24.4	30	
Carbon tetrachloride	11.6		"	10.0		116	77-141		1.73	30	
Chlorobenzene	11.6		"	10.0		116	88-120		3.32	30	
Chloroethane	11.5		"	10.0		115	65-136		0.613	30	
Chloroform	11.5		"	10.0		115	82-128		0.786	30	
Chloromethane	10.6		"	10.0		106	43-155		0.562	30	
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129		0.619	30	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	80-131		2.49	30	
Dibromochloromethane	10.7		"	10.0		107	80-130		1.13	30	
Dibromomethane	10.5		"	10.0		105	72-134		1.74	30	
Dichlorodifluoromethane	13.2		"	10.0		132	44-144		3.64	30	
Ethyl Benzene	11.3		"	10.0		113	80-131		2.25	30	
Hexachlorobutadiene	11.9		"	10.0		119	67-146		2.29	30	
Isopropylbenzene	11.8		"	10.0		118	76-140		3.02	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.30	30	
Methylene chloride	11.2		"	10.0		112	55-137		2.07	30	
Naphthalene	10.8		"	10.0		108	70-147		6.91	30	
n-Butylbenzene	11.0		"	10.0		110	79-132		3.50	30	
n-Propylbenzene	11.8		"	10.0		118	78-133		3.26	30	
o-Xylene	11.9		"	10.0		119	78-130		3.33	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 BC60460 - EPA 5030B											
LCS Dup (BC60460-BSD1)								Prepared & Analyzed: 03/09/2016			
p- & m- Xylenes	23.4		ug/L	20.0		117	77-133		2.86	30	
p-Isopropyltoluene	11.2		"	10.0		112	81-136		2.16	30	
sec-Butylbenzene	12.0		"	10.0		120	79-137		3.05	30	
Styrene	10.8		"	10.0		108	67-132		2.16	30	
tert-Butylbenzene	11.7		"	10.0		117	77-138		2.95	30	
Tetrachloroethylene	11.1		"	10.0		111	82-131		3.48	30	
Toluene	11.3		"	10.0		113	80-127		2.70	30	
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132		2.24	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		5.97	30	
Trichloroethylene	11.1		"	10.0		111	82-128		5.44	30	
Trichlorofluoromethane	12.3		"	10.0		123	67-139		2.49	30	
Vinyl Chloride	11.5		"	10.0		115	58-145		0.786	30	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.92*		*"*	*10.0*		*99.2*	*79-122*				
Batch BC60547 - EPA 5030B											
Blank (BC60547-BLK1)								Prepared & Analyzed: 03/10/2016			
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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	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	"								

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 BC60547 - EPA 5030B											
Blank (BC60547-BLK1)											Prepared & Analyzed: 03/10/2016
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	0.24	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*79-122*				

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 BC60547 - EPA 5030B

LCS (BC60547-BS1) Prepared & Analyzed: 03/10/2016

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	9.47		"	10.0		94.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	7.49		"	10.0		74.9	51-146				
4-Chlorotoluene	11.2		"	10.0		112	79-128				
Acetone	12.9		"	10.0		129	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	9.94		"	10.0		99.4	78-129				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.62		"	10.0		96.2	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.9		"	10.0		109	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	9.91		"	10.0		99.1	72-134				
Dichlorodifluoromethane	12.4		"	10.0		124	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.4		"	10.0		114	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	9.42		"	10.0		94.2	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	11.1		"	10.0		111	78-130				

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 BC60547 - EPA 5030B											
LCS (BC60547-BS1)								Prepared & Analyzed: 03/10/2016			
p- & m- Xylenes	22.1		ug/L	20.0		111	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	10.7		"	10.0		107	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	12.3		"	10.0		123	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				
LCS Dup (BC60547-BSD1)								Prepared & Analyzed: 03/10/2016			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.73	30	
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136		3.03	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		7.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		2.95	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		5.38	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		4.66	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		2.60	30	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133		4.96	30	
1,2,3-Trichlorobenzene	11.6		"	10.0		116	76-136		13.6	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		5.68	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		7.89	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		1.81	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0		94.9	45-147		24.2	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		7.04	30	
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123		5.15	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		6.21	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		3.94	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		1.45	30	
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122		2.51	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		4.84	30	
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124		2.18	30	
2,2-Dichloropropane	12.1		"	10.0		121	56-150		3.44	30	
2-Chlorotoluene	11.2		"	10.0		112	79-130		2.25	30	
2-Hexanone	8.81		"	10.0		88.1	51-146		16.2	30	
4-Chlorotoluene	11.5		"	10.0		115	79-128		2.11	30	
Acetone	13.8		"	10.0		138	14-150		6.07	30	
Benzene	11.1		"	10.0		111	85-126		4.51	30	
Bromobenzene	10.2		"	10.0		102	78-129		2.48	30	
Bromochloromethane	11.4		"	10.0		114	77-128		5.02	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.88	30	
Bromoform	10.2		"	10.0		102	78-133		6.15	30	
Bromomethane	9.87		"	10.0		98.7	43-168		12.9	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		2.14	30	
Chlorobenzene	11.2		"	10.0		112	88-120		2.80	30	
Chloroethane	11.3		"	10.0		113	65-136		2.33	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 BC60547 - EPA 5030B											
LCS Dup (BC60547-BSD1)								Prepared & Analyzed: 03/10/2016			
Chloroform	11.6		ug/L	10.0		116	82-128		4.66	30	
Chloromethane	10.5		"	10.0		105	43-155		2.90	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		5.37	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		4.97	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		7.14	30	
Dibromomethane	10.5		"	10.0		105	72-134		6.16	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		1.87	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		3.17	30	
Hexachlorobutadiene	11.4		"	10.0		114	67-146		0.0879	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		1.64	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	76-135		7.97	30	
Methylene chloride	11.3		"	10.0		113	55-137		2.79	30	
Naphthalene	10.7		"	10.0		107	70-147		12.9	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		0.00	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		1.35	30	
o-Xylene	11.4		"	10.0		114	78-130		3.02	30	
p- & m- Xylenes	22.6		"	20.0		113	77-133		2.32	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		1.03	30	
sec-Butylbenzene	11.2		"	10.0		112	79-137		0.267	30	
Styrene	10.4		"	10.0		104	67-132		2.42	30	
tert-Butylbenzene	11.1		"	10.0		111	77-138		1.18	30	
Tetrachloroethylene	11.0		"	10.0		110	82-131		2.78	30	
Toluene	10.8		"	10.0		108	80-127		3.28	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		5.98	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		4.78	30	
Trichloroethylene	10.8		"	10.0		108	82-128		3.67	30	
Trichlorofluoromethane	12.7		"	10.0		127	67-139		3.36	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		3.80	30	
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*69-130*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16C0102-01	WQ030116:1100 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0102-02	WQ030116:1105 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0102-03	WQ030116:1110 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16C0102-04	WQ030116:1115 FRW-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.
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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16C0102

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSA6

Samples from: CT ___ NY X NJ ___

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

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

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

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

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ030116: 1100 FRW-1	3-1-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 voa's
WQ030116: 1105 FRW-2	↓	↓	↓	↓
WQ030116: 1110 FRW-3				
WQ030116: 1115 FRW-4				

Comments

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

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

Samples Relinquished By: 3/2/16 1000 Date/Time
Samples Relinquished By: ___ Date/Time

Samples Received By: LBG Fridge 3/2/16 1900 Date/Time
Samples Received in LAB by: 3-3-16 1140 Date/Time

Temperature on Receipt 3.1 °C

Rec'd A 3/3/16 9:20

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0109

Report Date: 03/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0109

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 March 03, 2016 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
16C0109-01	GWQ030116: 1220 NP1-1-2	Water	03/01/2016	03/03/2016

General Notes for York Project (SDG) No.: 16C0109

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: 03/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWQ030116: 1220 NP1-1-2 **York Sample ID:** 16C0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0109	Rowe Industries	Water	March 1, 2016 12:20 pm	03/03/2016

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 Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
71-55-6	**1,1,1-Trichloroethane**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS

Sample Information

Client Sample ID: GWQ030116: 1220 NP1-1-2 **York Sample ID:** 16C0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0109	Rowe Industries	Water	March 1, 2016 12:20 pm	03/03/2016

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
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/10/2016 08:46 CTDOH,NELAC-NY10854,NJDEP	03/10/2016 14:42	SS

Sample Information

Client Sample ID: GWQ030116: 1220 NP1-1-2 **York Sample ID:** 16C0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0109	Rowe Industries	Water	March 1, 2016 12:20 pm	03/03/2016

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
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	03/10/2016 08:46	03/10/2016 14:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	03/10/2016 08:46	03/10/2016 14:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
127-18-4	**Tetrachloroethylene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
79-01-6	**Trichloroethylene**	**0.67**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	03/10/2016 08:46	03/10/2016 14:42	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.7 %*	*79-122*

Analytical Batch Summary

Batch ID: BC60547 **Preparation Method:** EPA 5030B **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
16C0109-01	GWQ030116: 1220 NP1-1-2	03/10/16
BC60547-BLK1	Blank	03/10/16
BC60547-BS1	LCS	03/10/16
BC60547-BSD1	LCS Dup	03/10/16

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 BC60547 - EPA 5030B											
Blank (BC60547-BLK1)											
Prepared & Analyzed: 03/10/2016											
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	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	2.0	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	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

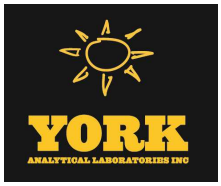
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60547 - EPA 5030B											
Blank (BC60547-BLK1)							Prepared & Analyzed: 03/10/2016				
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	0.24	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.63*		*"*	*10.0*		*96.3*	*79-122*				
LCS (BC60547-BS1)							Prepared & Analyzed: 03/10/2016				
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	9.47		"	10.0		94.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136				
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	7.44		"	10.0		74.4	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	11.1		"	10.0		111	73-132				
1,2-Dichloropropane	9.96		"	10.0		99.6	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	7.49		"	10.0		74.9	51-146				
4-Chlorotoluene	11.2		"	10.0		112	79-128				
Acetone	12.9		"	10.0		129	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	9.94		"	10.0		99.4	78-129				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.62		"	10.0		96.2	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	11.5		"	10.0		115	77-141				
Chlorobenzene	10.9		"	10.0		109	88-120				

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 BC60547 - EPA 5030B											
LCS (BC60547-BS1)								Prepared & Analyzed: 03/10/2016			
Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Dibromochloromethane	10.3		"	10.0		103	80-130				
Dibromomethane	9.91		"	10.0		99.1	72-134				
Dichlorodifluoromethane	12.4		"	10.0		124	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.4		"	10.0		114	67-146				
Isopropylbenzene	10.9		"	10.0		109	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	9.42		"	10.0		94.2	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	11.1		"	10.0		111	78-130				
p- & m- Xylenes	22.1		"	20.0		111	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	10.9		"	10.0		109	77-138				
Tetrachloroethylene	10.7		"	10.0		107	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	12.3		"	10.0		123	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*69-130*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				



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 BC60547 - EPA 5030B											
LCS Dup (BC60547-BSD1)								Prepared & Analyzed: 03/10/2016			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126		2.73	30	
1,1,1-Trichloroethane	11.7		"	10.0		117	78-136		3.03	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		7.42	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		2.95	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		5.38	30	
1,1-Dichloroethane	11.2		"	10.0		112	82-129		4.66	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		2.60	30	
1,1-Dichloropropylene	11.2		"	10.0		112	83-133		4.96	30	
1,2,3-Trichlorobenzene	11.6		"	10.0		116	76-136		13.6	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		5.68	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		7.89	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		1.81	30	
1,2-Dibromo-3-chloropropane	9.49		"	10.0		94.9	45-147		24.2	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		7.04	30	
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123		5.15	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		6.21	30	
1,2-Dichloropropane	10.4		"	10.0		104	78-126		3.94	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		1.45	30	
1,3-Dichlorobenzene	11.3		"	10.0		113	86-122		2.51	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		4.84	30	
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124		2.18	30	
2,2-Dichloropropane	12.1		"	10.0		121	56-150		3.44	30	
2-Chlorotoluene	11.2		"	10.0		112	79-130		2.25	30	
2-Hexanone	8.81		"	10.0		88.1	51-146		16.2	30	
4-Chlorotoluene	11.5		"	10.0		115	79-128		2.11	30	
Acetone	13.8		"	10.0		138	14-150		6.07	30	
Benzene	11.1		"	10.0		111	85-126		4.51	30	
Bromobenzene	10.2		"	10.0		102	78-129		2.48	30	
Bromochloromethane	11.4		"	10.0		114	77-128		5.02	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		4.88	30	
Bromoform	10.2		"	10.0		102	78-133		6.15	30	
Bromomethane	9.87		"	10.0		98.7	43-168		12.9	30	
Carbon tetrachloride	11.8		"	10.0		118	77-141		2.14	30	
Chlorobenzene	11.2		"	10.0		112	88-120		2.80	30	
Chloroethane	11.3		"	10.0		113	65-136		2.33	30	
Chloroform	11.6		"	10.0		116	82-128		4.66	30	
Chloromethane	10.5		"	10.0		105	43-155		2.90	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		5.37	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		4.97	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		7.14	30	
Dibromomethane	10.5		"	10.0		105	72-134		6.16	30	
Dichlorodifluoromethane	12.2		"	10.0		122	44-144		1.87	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		3.17	30	
Hexachlorobutadiene	11.4		"	10.0		114	67-146		0.0879	30	
Isopropylbenzene	11.0		"	10.0		110	76-140		1.64	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	76-135		7.97	30	
Methylene chloride	11.3		"	10.0		113	55-137		2.79	30	
Naphthalene	10.7		"	10.0		107	70-147		12.9	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		0.00	30	
n-Propylbenzene	11.2		"	10.0		112	78-133		1.35	30	
o-Xylene	11.4		"	10.0		114	78-130		3.02	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 BC60547 - EPA 5030B											
LCS Dup (BC60547-BSD1)								Prepared & Analyzed: 03/10/2016			
p- & m- Xylenes	22.6		ug/L	20.0		113	77-133		2.32	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		1.03	30	
sec-Butylbenzene	11.2		"	10.0		112	79-137		0.267	30	
Styrene	10.4		"	10.0		104	67-132		2.42	30	
tert-Butylbenzene	11.1		"	10.0		111	77-138		1.18	30	
Tetrachloroethylene	11.0		"	10.0		110	82-131		2.78	30	
Toluene	10.8		"	10.0		108	80-127		3.28	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		5.98	30	
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131		4.78	30	
Trichloroethylene	10.8		"	10.0		108	82-128		3.67	30	
Trichlorofluoromethane	12.7		"	10.0		127	67-139		3.36	30	
Vinyl Chloride	11.2		"	10.0		112	58-145		3.80	30	
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*69-130*				
Surrogate: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16C0109-01	GWQ030116: 1220 NP1-1-2	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.
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.

---

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 11C0109

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

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

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

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

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	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 Dilution Factors	BTU/lb
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEPSewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	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)
GWQ030116:1220NP1-1-2	3-1-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 VOA

Comments

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

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

Samples Relinquished By: [signature] Date/Time: 3/2/16 1000
Samples Relinquished By: ___ Date/Time: ___

Samples Received By: LBG-Fridge Date/Time: 3/2/16 1000
Samples Received in LAB by: Grace Date/Time: 3-3-16 1140

Temperature on Receipt 3.1 °C

Rec'd 1A 3/3/16 9:20

APPENDIX III

MARCH 2016 LABORATORY ANALYTICAL REPORTS FOR AIR SAMPLES

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 03/31/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0825

Report Date: 03/31/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16C0825

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 March 21, 2016 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
16C0825-01	AQ031616:1310 NP4-1	Vapor Extraction	03/16/2016	03/21/2016
16C0825-02	AQ031616:1305 NP4-2	Vapor Extraction	03/16/2016	03/21/2016

General Notes for York Project (SDG) No.: 16C0825

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: 03/31/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AQ031616:1310 NP4-1 **York Sample ID:** 16C0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:10 pm	03/21/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**3.7**		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.1	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
78-93-3	**2-Butanone**	**4.3**		ug/m³	0.50	0.50	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.4	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
107-05-1	3-Chloropropene	ND		ug/m³	2.6	2.6	1.68	EPA TO-15 Certifications: NELAC-NY10854	03/25/2016 14:40	03/30/2016 19:35	LDS

Sample Information

Client Sample ID: AQ031616:1310 NP4-1 **York Sample ID:** 16C0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:10 pm	03/21/2016

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
67-64-1	**Acetone**	**20**		ug/m³	0.80	0.80	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.36	0.36	1.68	EPA TO-15 Certifications: NELAC-NY10854	03/25/2016 14:40	03/30/2016 19:35	LDS
71-43-2	**Benzene**	**1.6**		ug/m³	0.54	0.54	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.87	0.87	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
74-83-9	Bromomethane	ND		ug/m³	0.65	0.65	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.52	0.52	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	0.26	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
108-90-7	**Chlorobenzene**	**3.9**		ug/m³	0.77	0.77	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-00-3	Chloroethane	ND		ug/m³	0.44	0.44	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
67-66-3	Chloroform	ND		ug/m³	0.82	0.82	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
74-87-3	**Chloromethane**	**2.1**		ug/m³	0.35	0.35	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**7.9**		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.58	0.58	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
75-71-8	**Dichlorodifluoromethane**	**4.4**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS
67-63-0	Isopropanol	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 19:35	LDS

Sample Information

Client Sample ID: AQ031616:1310 NP4-1 **York Sample ID:** 16C0825-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:10 pm	03/21/2016

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	0.61	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
75-09-2	**Methylene chloride**	**2.0**		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
142-82-5	n-Heptane	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
110-54-3	n-Hexane	ND		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
95-47-6	o-Xylene	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
179601-23-1	**p- & m- Xylenes**	**2.5**		ug/m³	1.5	1.5	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
115-07-1	* Propylene	ND		ug/m³	0.29	0.29	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
100-42-5	Styrene	ND		ug/m³	0.72	0.72	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
127-18-4	**Tetrachloroethylene**	**86**		ug/m³	0.28	0.28	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
109-99-9	*** Tetrahydrofuran**	**1.6**		ug/m³	0.99	0.99	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 19:35	LDS
108-88-3	Toluene	ND		ug/m³	0.63	0.63	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
79-01-6	**Trichloroethylene**	**33**		ug/m³	0.23	0.23	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.8**		ug/m³	0.94	0.94	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	0.43	1.68	EPA TO-15 Certifications:	03/25/2016 14:40 NELAC-NY10854,NJDEP	03/30/2016 19:35	LDS

Sample Information

Client Sample ID: AQ031616:1305 NP4-2 **York Sample ID:** 16C0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:05 pm	03/21/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
71-55-6	**1,1,1-Trichloroethane**	**5.3**		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**6.7**		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.1	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
78-93-3	**2-Butanone**	**3.5**		ug/m³	0.50	0.50	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.4	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
107-05-1	3-Chloropropene	ND		ug/m³	2.6	2.6	1.68	EPA TO-15 Certifications: NELAC-NY10854	03/25/2016 14:40	03/30/2016 20:32	LDS

Sample Information

Client Sample ID: AQ031616:1305 NP4-2 **York Sample ID:** 16C0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:05 pm	03/21/2016

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
67-64-1	**Acetone**	**63**		ug/m³	0.80	0.80	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
107-13-1	**Acrylonitrile**	**1.8**		ug/m³	0.36	0.36	1.68	EPA TO-15 Certifications: NELAC-NY10854	03/25/2016 14:40	03/30/2016 20:32	LDS
71-43-2	**Benzene**	**2.9**		ug/m³	0.54	0.54	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.87	0.87	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-27-4	**Bromodichloromethane**	**4.5**		ug/m³	1.1	1.1	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
74-83-9	Bromomethane	ND		ug/m³	0.65	0.65	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.52	0.52	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	0.26	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.77	0.77	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-00-3	**Chloroethane**	**2.5**		ug/m³	0.44	0.44	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
67-66-3	**Chloroform**	**4.4**		ug/m³	0.82	0.82	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
74-87-3	**Chloromethane**	**2.9**		ug/m³	0.35	0.35	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**4.8**		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.58	0.58	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-71-8	**Dichlorodifluoromethane**	**4.3**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
67-63-0	Isopropanol	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS

Sample Information

Client Sample ID: AQ031616:1305 NP4-2 **York Sample ID:** 16C0825-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16C0825	Rowe Industries	Vapor Extraction	March 16, 2016 1:05 pm	03/21/2016

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.0**		ug/m³	0.61	0.61	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-09-2	**Methylene chloride**	**35**		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
142-82-5	**n-Heptane**	**3.7**		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
110-54-3	**n-Hexane**	**5.9**		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
95-47-6	o-Xylene	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
179601-23-1	**p- & m- Xylenes**	**6.3**		ug/m³	1.5	1.5	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
115-07-1	*** Propylene**	**3.2**		ug/m³	0.29	0.29	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
100-42-5	Styrene	ND		ug/m³	0.72	0.72	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
127-18-4	**Tetrachloroethylene**	**12**		ug/m³	0.28	0.28	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
109-99-9	*** Tetrahydrofuran**	**2.5**		ug/m³	0.99	0.99	1.68	EPA TO-15 Certifications:	03/25/2016 14:40	03/30/2016 20:32	LDS
108-88-3	**Toluene**	**5.3**		ug/m³	0.63	0.63	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
79-01-6	**Trichloroethylene**	**5.8**		ug/m³	0.23	0.23	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**5.9**		ug/m³	0.94	0.94	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	0.43	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	03/25/2016 14:40	03/30/2016 20:32	LDS

Analytical Batch Summary

Batch ID: BC61313 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16C0825-01	AQ031616:1310 NP4-1	03/25/16
16C0825-02	AQ031616:1305 NP4-2	03/25/16
BC61313-BLK1	Blank	03/25/16
BC61313-BS1	LCS	03/25/16

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 BC61313 - EPA TO15 PREP											
Blank (BC61313-BLK1)											
Prepared: 03/25/2016 Analyzed: 03/30/2016											
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

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 BC61313 - EPA TO15 PREP											
Blank (BC61313-BLK1)								Prepared: 03/25/2016 Analyzed: 03/30/2016			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*10.0*		*ppbv*	*10.0*		*100*	*72-118*				
LCS (BC61313-BS1)								Prepared: 03/25/2016 Analyzed: 03/30/2016			
1,1,1,2-Tetrachloroethane	11.6		ppbv	10.0		116	82-126				
1,1,1-Trichloroethane	12.4		"	10.0		124	70-130				
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130				
1,1,2-Trichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethane	12.2		"	10.0		122	70-130				
1,1-Dichloroethylene	12.8		"	10.0		128	70-130				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70-130				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	70-130				
1,2-Dibromoethane	11.9		"	10.0		119	70-130				
1,2-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,2-Dichloroethane	12.2		"	10.0		122	70-130				
1,2-Dichloropropane	11.6		"	10.0		116	70-130				
1,2-Dichlorotetrafluoroethane	10.9		"	10.0		109	70-130				
1,3,5-Trimethylbenzene	11.8		"	10.0		118	70-130				
1,3-Butadiene	9.41		"	10.0		94.1	70-130				
1,3-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,3-Dichloropropane	11.9		"	10.0		119	70-130				
1,4-Dichlorobenzene	12.1		"	10.0		121	70-130				
1,4-Dioxane	12.2		"	10.0		122	70-130				
2-Butanone	12.7		"	10.0		127	70-130				
2-Hexanone	9.97		"	10.0		99.7	70-130				
3-Chloropropene	13.0		"	10.0		130	70-130				
4-Methyl-2-pentanone	11.7		"	10.0		117	70-130				
Acetone	10.8		"	10.0		108	70-130				
Acrylonitrile	13.4		"	10.0		134	70-130	High Bias			
Benzene	12.3		"	10.0		123	70-130				
Benzyl chloride	10.5		"	10.0		105	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				
Bromoform	12.7		"	10.0		127	70-130				
Bromomethane	9.54		"	10.0		95.4	70-130				
Carbon disulfide	12.2		"	10.0		122	70-130				
Carbon tetrachloride	12.9		"	10.0		129	70-130				
Chlorobenzene	11.2		"	10.0		112	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 BC61313 - EPA TO15 PREP											
LCS (BC61313-BS1)								Prepared: 03/25/2016 Analyzed: 03/30/2016			
Chloroethane	10.3		ppbv	10.0		103	70-130				
Chloroform	12.0		"	10.0		120	70-130				
Chloromethane	8.54		"	10.0		85.4	70-130				
cis-1,2-Dichloroethylene	11.9		"	10.0		119	70-130				
cis-1,3-Dichloropropylene	12.9		"	10.0		129	70-130				
Cyclohexane	13.0		"	10.0		130	70-130				
Dibromochloromethane	12.1		"	10.0		121	70-130				
Dichlorodifluoromethane	11.1		"	10.0		111	70-130				
Ethyl acetate	12.5		"	10.0		125	70-130				
Ethyl Benzene	11.7		"	10.0		117	70-130				
Hexachlorobutadiene	11.8		"	10.0		118	70-130				
Isopropanol	13.7		"	10.0		137	70-130	High Bias			
Methyl Methacrylate	12.7		"	10.0		127	70-130				
Methyl tert-butyl ether (MTBE)	14.2		"	10.0		142	70-130	High Bias			
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	12.5		"	10.0		125	70-130				
n-Hexane	12.9		"	10.0		129	70-130				
o-Xylene	12.4		"	10.0		124	70-130				
p- & m- Xylenes	23.6		"	20.0		118	70-130				
p-Ethyltoluene	11.9		"	10.0		119	70-130				
Propylene	10.6		"	10.0		106	70-130				
Styrene	12.3		"	10.0		123	70-130				
Tetrachloroethylene	11.8		"	10.0		118	70-130				
Tetrahydrofuran	12.7		"	10.0		127	70-130				
Toluene	12.2		"	10.0		122	70-130				
trans-1,2-Dichloroethylene	12.5		"	10.0		125	70-130				
trans-1,3-Dichloropropylene	13.0		"	10.0		130	70-130				
Trichloroethylene	12.3		"	10.0		123	70-130				
Trichlorofluoromethane (Freon 11)	11.9		"	10.0		119	70-130				
Vinyl acetate	12.8		"	10.0		128	70-130				
Vinyl bromide	12.4		"	10.0		124	70-130				
Vinyl Chloride	9.84		"	10.0		98.4	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*72-118*				

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.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Client vapor sample NP4-3 was cancelled as the grab sample was received af full vacuum. The sample will be recollected per the client.

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. 16C0825

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

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Air Matrix Codes

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

TO15 Volatiles and Other Gas Analyses

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

Detection Limits Required

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

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ031616:1310 NP4-1	3-16-16	AE			EPA TO-15 List.	6 Liter Summa canister X / Tedlar Bag
AQ031616:1305 NP4-2	↓	AE			↓	6 Liter Summa canister X / Tedlar Bag
AQ031616:1300 NP4-3	↓				↓	6 Liter Summa canister X / 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	3/17/16 1000 Date/Time	Samples Received By	LBG Field Room 3/17/16 1000 Date/Time
Samples Relinquished By	3/21/16 1430 Date/Time	Samples Received in LAB by	Grace 1710 3-21-16 Date/Time

Rec'd 3/21/16 14:30

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/11/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0029

Report Date: 04/11/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0029

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
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 April 01, 2016 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
16D0029-01	AQ032916: 1230 NP4-3	Vapor Extraction	03/29/2016	04/01/2016

General Notes for York Project (SDG) No.: 16D0029

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: 04/11/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AQ032916: 1230 NP4-3 **York Sample ID:** 16D0029-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0029	Rowe Industries	Vapor Extraction	March 29, 2016 12:30 pm	04/01/2016

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
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
71-55-6	**1,1,1-Trichloroethane**	**3.4**		ug/m³	0.98	0.98	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.98	0.98	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.73	0.73	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	1.2	1.2	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.83	0.83	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
78-93-3	2-Butanone	ND		ug/m³	0.53	0.53	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	1.5	1.5	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
107-05-1	3-Chloropropene	ND		ug/m³	2.8	2.8	1.8	EPA TO-15 Certifications: NELAC-NY10854	04/08/2016 11:00	04/09/2016 10:00	LDS

Sample Information

Client Sample ID: AQ032916: 1230 NP4-3 **York Sample ID:** 16D0029-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0029	Rowe Industries	Vapor Extraction	March 29, 2016 12:30 pm	04/01/2016

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
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
67-64-1	**Acetone**	**5.1**		ug/m³	0.86	0.86	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.39	0.39	1.8	EPA TO-15 Certifications: NELAC-NY10854	04/08/2016 11:00	04/09/2016 10:00	LDS
71-43-2	**Benzene**	**2.4**		ug/m³	0.58	0.58	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.93	0.93	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	1.2	1.2	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-25-2	Bromoform	ND		ug/m³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
74-83-9	Bromomethane	ND		ug/m³	0.70	0.70	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.56	0.56	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.28	0.28	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.83	0.83	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-00-3	Chloroethane	ND		ug/m³	0.47	0.47	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
67-66-3	**Chloroform**	**1.1**		ug/m³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
74-87-3	Chloromethane	ND		ug/m³	0.37	0.37	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**3.5**		ug/m³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.82	0.82	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
110-82-7	**Cyclohexane**	**10**		ug/m³	0.62	0.62	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.89	0.89	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	1.3	1.3	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
100-41-4	**Ethyl Benzene**	**1.3**		ug/m³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
67-63-0	Isopropanol	ND		ug/m³	0.88	0.88	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS

Sample Information

Client Sample ID: AQ032916: 1230 NP4-3 **York Sample ID:** 16D0029-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0029	Rowe Industries	Vapor Extraction	March 29, 2016 12:30 pm	04/01/2016

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
80-62-6	Methyl Methacrylate	ND		ug/m³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.65	0.65	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-09-2	Methylene chloride	ND		ug/m³	1.3	1.3	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
142-82-5	**n-Heptane**	**46**		ug/m³	0.74	0.74	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
110-54-3	**n-Hexane**	**130**		ug/m³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
95-47-6	**o-Xylene**	**0.78**		ug/m³	0.78	0.78	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
179601-23-1	**p- & m- Xylenes**	**3.4**		ug/m³	1.6	1.6	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.88	0.88	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
115-07-1	* Propylene	ND		ug/m³	0.31	0.31	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
100-42-5	Styrene	ND		ug/m³	0.77	0.77	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
127-18-4	Tetrachloroethylene	ND		ug/m³	0.31	0.31	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	1.1	1.1	1.8	EPA TO-15 Certifications:	04/08/2016 11:00	04/09/2016 10:00	LDS
108-88-3	**Toluene**	**7.0**		ug/m³	0.68	0.68	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.71	0.71	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.82	0.82	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.24	0.24	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.0	1.0	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.63	0.63	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.79	0.79	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	0.46	1.8	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/08/2016 11:00	04/09/2016 10:00	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*72-118*

Analytical Batch Summary

Batch ID: BD60389 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16D0029-01	AQ032916: 1230 NP4-3	04/08/16
BD60389-BLK1	Blank	04/08/16
BD60389-BS1	LCS	04/08/16

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 BD60389 - EPA TO15 PREP											
Blank (BD60389-BLK1)											Prepared: 04/08/2016 Analyzed: 04/09/2016
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

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 BD60389 - EPA TO15 PREP											
Blank (BD60389-BLK1)											Prepared: 04/08/2016 Analyzed: 04/09/2016
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.56*		*ppbv*	*10.0*		*95.6*	*72-118*				
LCS (BD60389-BS1)											Prepared: 04/08/2016 Analyzed: 04/09/2016
1,1,1,2-Tetrachloroethane	10.6		ppbv	10.0		106	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	10.6		"	10.0		106	70-130				
1,2,4-Trichlorobenzene	8.97		"	10.0		89.7	70-130				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,2-Dichloroethane	10.2		"	10.0		102	70-130				
1,2-Dichloropropane	10.5		"	10.0		105	70-130				
1,2-Dichlorotetrafluoroethane	10.0		"	10.0		100	70-130				
1,3,5-Trimethylbenzene	11.5		"	10.0		115	70-130				
1,3-Butadiene	9.01		"	10.0		90.1	70-130				
1,3-Dichlorobenzene	11.2		"	10.0		112	70-130				
1,3-Dichloropropane	10.6		"	10.0		106	70-130				
1,4-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,4-Dioxane	10.9		"	10.0		109	70-130				
2-Butanone	10.7		"	10.0		107	70-130				
2-Hexanone	9.19		"	10.0		91.9	70-130				
3-Chloropropene	11.3		"	10.0		113	70-130				
4-Methyl-2-pentanone	11.7		"	10.0		117	70-130				
Acetone	8.91		"	10.0		89.1	70-130				
Acrylonitrile	10.7		"	10.0		107	70-130				
Benzene	10.6		"	10.0		106	70-130				
Benzyl chloride	9.01		"	10.0		90.1	70-130				
Bromodichloromethane	10.7		"	10.0		107	70-130				
Bromoform	10.8		"	10.0		108	70-130				
Bromomethane	8.66		"	10.0		86.6	70-130				
Carbon disulfide	10.7		"	10.0		107	70-130				
Carbon tetrachloride	10.7		"	10.0		107	70-130				
Chlorobenzene	10.1		"	10.0		101	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 BD60389 - EPA TO15 PREP

LCS (BD60389-BS1) Prepared: 04/08/2016 Analyzed: 04/09/2016

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Chloroethane	9.47		ppbv	10.0		94.7	70-130				
Chloroform	10.2		"	10.0		102	70-130				
Chloromethane	8.61		"	10.0		86.1	70-130				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	70-130				
cis-1,3-Dichloropropylene	11.5		"	10.0		115	70-130				
Cyclohexane	11.3		"	10.0		113	70-130				
Dibromochloromethane	11.2		"	10.0		112	70-130				
Dichlorodifluoromethane	8.90		"	10.0		89.0	70-130				
Ethyl acetate	10.8		"	10.0		108	70-130				
Ethyl Benzene	11.0		"	10.0		110	70-130				
Hexachlorobutadiene	11.6		"	10.0		116	70-130				
Isopropanol	10.4		"	10.0		104	70-130				
Methyl Methacrylate	11.9		"	10.0		119	70-130				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	70-130				
Methylene chloride	9.14		"	10.0		91.4	70-130				
n-Heptane	11.9		"	10.0		119	70-130				
n-Hexane	10.6		"	10.0		106	70-130				
o-Xylene	12.0		"	10.0		120	70-130				
p- & m- Xylenes	22.2		"	20.0		111	70-130				
p-Ethyltoluene	11.4		"	10.0		114	70-130				
Propylene	1.68		"	10.0		16.8	70-130	Low Bias			
Styrene	11.3		"	10.0		113	70-130				
Tetrachloroethylene	10.3		"	10.0		103	70-130				
Tetrahydrofuran	10.8		"	10.0		108	70-130				
Toluene	10.7		"	10.0		107	70-130				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
trans-1,3-Dichloropropylene	11.7		"	10.0		117	70-130				
Trichloroethylene	10.5		"	10.0		105	70-130				
Trichlorofluoromethane (Freon 11)	10.1		"	10.0		101	70-130				
Vinyl acetate	11.8		"	10.0		118	70-130				
Vinyl bromide	10.6		"	10.0		106	70-130				
Vinyl Chloride	9.33		"	10.0		93.3	70-130				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*72-118*				

Notes and Definitions

*	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.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
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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. 16D0029

YOUR Information	**Report To:**	**Invoice To:**	**YOUR Project ID**	**Turn-Around Time**	**Report Type/Deliverables**
Company: LBG	Company: Same	Company: Same	Rowe Industries	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package
E-Mail Address: TSando:@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)

Evan Foster
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
AQ03216: 1230NP4-3	3-29-16	AE			EPA TO-15 List.	6 Liter Summa canister ✓ Tedlar Bag
		~~AE~~				6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

Comments

Samples Relinquished By	3/31/16 1000 Date/Time	LBG Fridge Samples Received By	3/31/16 1000 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	4-1-16 1559 Date/Time

Rec'd LA 4/1/16 12:46