TABLE 2

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

Effluent Water Quality Results

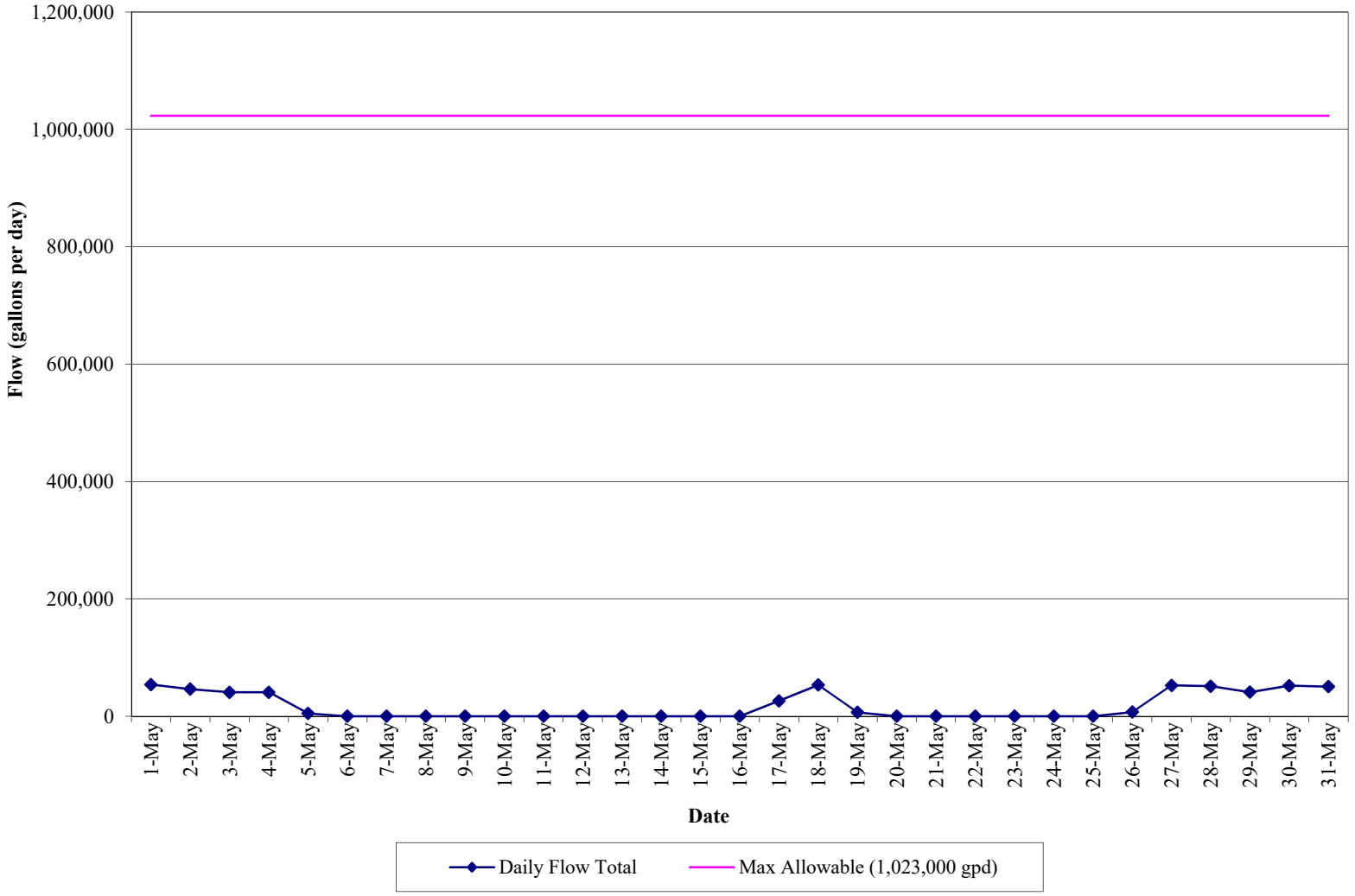
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
2-May-16	6.5	149	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	11.0	0.092
17-May-16	6.6	167	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	0.89	0.037

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ND: Not detected

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

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

Effluent Flow Data
(May 1, 2016 to May 31, 2016)



APPENDIX I
MAY 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: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0112

Report Date: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0112

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 May 04, 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
16E0112-01	WQ050216:1100 NP2-6	Water	05/02/2016	05/04/2016
16E0112-02	WQ050216:1105 NP2-7	Water	05/02/2016	05/04/2016
16E0113-01	WQ0502616: 1110 NP2-10	Water	05/02/2016	05/04/2016

General Notes for York Project (SDG) No.: 16E0112

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

Approved By: 

Date: 05/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ050216:1100 NP2-6 **York Sample ID:** 16E0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:00 am	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK

Sample Information

Client Sample ID: WQ050216:1100 NP2-6 **York Sample ID:** 16E0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:00 am	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
156-59-2	**cis-1,2-Dichloroethylene**	**0.25**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:34	BK

Sample Information

Client Sample ID: **WQ050216:1100 NP2-6** **York Sample ID:** **16E0112-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:00 am	05/04/2016

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	05/09/2016 16:37	05/10/2016 02:34	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:37	05/10/2016 02:34	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:37	05/10/2016 02:34	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
127-18-4	**Tetrachloroethylene**	**2.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
79-01-6	**Trichloroethylene**	**0.43**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/09/2016 16:37	05/10/2016 02:34	BK

	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*	*108 %*	*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**	**3.92**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/05/2016 10:19	05/05/2016 19:26	KV

Sample Information

Client Sample ID: WQ050216:1100 NP2-6 **York Sample ID:** 16E0112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:00 am	05/04/2016

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**	**0.0706**		mg/L	0.0222	0.0222	1	EPA 6010C	05/06/2016 12:01	05/06/2016 16:48	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ050216:1105 NP2-7 **York Sample ID:** 16E0112-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:05 am	05/04/2016

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	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								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	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:59	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **WQ050216:1105 NP2-7** **York Sample ID:** **16E0112-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:05 am	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK

Sample Information

Client Sample ID: WQ050216:1105 NP2-7 **York Sample ID:** 16E0112-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:05 am	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 02:59	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 02:59	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:59	BK

Sample Information

Client Sample ID: WQ050216:1105 NP2-7 **York Sample ID:** 16E0112-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0112	Rowe Industries	Water	May 2, 2016 11:05 am	05/04/2016

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	05/09/2016 16:37	05/10/2016 02:59	BK

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5 *Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4 *Surrogate: p-Bromofluorobenzene*	*109 %*	*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**	**12.4**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/05/2016 10:19	05/05/2016 19:31	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**	**0.0470**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/06/2016 12:01	05/06/2016 16:53	KV

Sample Information

Client Sample ID: WQ0502616: 1110 NP2-10 **York Sample ID:** 16E0113-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0113	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:37	05/10/2016 02:09	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:09	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:09	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	05/09/2016 16:37	05/10/2016 02:09	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 02:09	BK

Sample Information

Client Sample ID: WQ0502616: 1110 NP2-10 **York Sample ID:** 16E0113-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0113	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK

Sample Information

Client Sample ID: WQ0502616: 1110 NP2-10 **York Sample ID:** 16E0113-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0113	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 02:09	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 02:09	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:09	BK

Sample Information

Client Sample ID: WQ0502616: 1110 NP2-10 **York Sample ID:** 16E0113-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0113	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	05/09/2016 16:37	05/10/2016 02:09	BK
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*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**	**11.0**		mg/L	0.0162	0.0222	1	EPA 200.7	05/06/2016 11:53	05/06/2016 18:06	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**	**0.0921**		mg/L	0.0222	0.0222	1	EPA 6010C	05/06/2016 12:01	05/06/2016 16:58	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

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

Sample Information

Client Sample ID: **WQ0502616: 1110 NP2-10** **York Sample ID:** **16E0113-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0113	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	**149**		mg/L	10.0	10.0	1	SM 2540C	05/04/2016 21:00	05/05/2016 15:43	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BE60198 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16E0113-01	WQ0502616: 1110 NP2-10	05/04/16
BE60198-BLK1	Blank	05/04/16

Batch ID: BE60235 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0112-01	WQ050216:1100 NP2-6	05/05/16
16E0112-02	WQ050216:1105 NP2-7	05/05/16
BE60235-BLK1	Blank	05/05/16
BE60235-SRM1	Reference	05/05/16

Batch ID: BE60317 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0113-01	WQ0502616: 1110 NP2-10	05/06/16
BE60317-BLK1	Blank	05/06/16
BE60317-DUP1	Duplicate	05/06/16
BE60317-MS1	Matrix Spike	05/06/16
BE60317-SRM1	Reference	05/06/16

Batch ID: BE60320 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0112-01	WQ050216:1100 NP2-6	05/06/16
16E0112-02	WQ050216:1105 NP2-7	05/06/16
16E0113-01	WQ0502616: 1110 NP2-10	05/06/16
BE60320-BLK1	Blank	05/06/16
BE60320-SRM1	Reference	05/06/16

Batch ID: BE60418 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0112-01	WQ050216:1100 NP2-6	05/09/16
16E0112-02	WQ050216:1105 NP2-7	05/09/16
16E0113-01	WQ0502616: 1110 NP2-10	05/09/16
BE60418-BLK1	Blank	05/09/16
BE60418-BS1	LCS	05/09/16
BE60418-BSD1	LCS Dup	05/09/16

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 BE60418 - EPA 5030B											
Blank (BE60418-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	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	"								

Prepared & Analyzed: 05/09/2016

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 BE60418 - EPA 5030B											
Blank (BE60418-BLK1)								Prepared & Analyzed: 05/09/2016			
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	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BE60418-BS1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126				
1,1,1-Trichloroethane	9.20		"	10.0		92.0	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.87		"	10.0		98.7	68-138				
1,1-Dichloropropylene	9.94		"	10.0		99.4	83-133				
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	76-136				
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128				
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.11		"	10.0		91.1	45-147				
1,2-Dibromoethane	9.82		"	10.0		98.2	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.8		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	11.5		"	10.0		115	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
2,2-Dichloropropane	8.45		"	10.0		84.5	56-150				
2-Chlorotoluene	11.9		"	10.0		119	79-130				
2-Hexanone	10.9		"	10.0		109	51-146				
4-Chlorotoluene	11.5		"	10.0		115	79-128				
Acetone	12.1		"	10.0		121	14-150				
Benzene	9.81		"	10.0		98.1	85-126				
Bromobenzene	12.4		"	10.0		124	78-129				
Bromochloromethane	9.97		"	10.0		99.7	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	7.52		"	10.0		75.2	78-133	Low Bias			
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	8.79		"	10.0		87.9	77-141				
Chlorobenzene	9.93		"	10.0		99.3	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 BE60418 - EPA 5030B											
LCS (BE60418-BS1)								Prepared & Analyzed: 05/09/2016			
Chloroethane	10.8		ug/L	10.0		108	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	5.15		"	10.0		51.5	43-155				
cis-1,2-Dichloroethylene	9.74		"	10.0		97.4	83-129				
cis-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-131				
Dibromochloromethane	8.38		"	10.0		83.8	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	8.24		"	10.0		82.4	44-144				
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl tert-butyl ether (MTBE)	8.77		"	10.0		87.7	76-135				
Methylene chloride	9.29		"	10.0		92.9	55-137				
Naphthalene	9.95		"	10.0		99.5	70-147				
n-Butylbenzene	13.0		"	10.0		130	79-132				
n-Propylbenzene	11.9		"	10.0		119	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	22.9		"	20.0		114	77-133				
p-Isopropyltoluene	11.8		"	10.0		118	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	11.2		"	10.0		112	67-132				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	16.1		"	10.0		161	82-131	High Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	80-132				
trans-1,3-Dichloropropylene	9.44		"	10.0		94.4	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	12.0		"	10.0		120	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*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 BE60418 - EPA 5030B											
LCS Dup (BE60418-BSD1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.412	30	
1,1,1-Trichloroethane	8.97		"	10.0		89.7	78-136		2.53	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		7.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	54-165		3.27	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		3.23	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.00	30	
1,1-Dichloroethylene	9.63		"	10.0		96.3	68-138		2.46	30	
1,1-Dichloropropylene	9.67		"	10.0		96.7	83-133		2.75	30	
1,2,3-Trichlorobenzene	9.91		"	10.0		99.1	76-136		3.18	30	
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128		1.50	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		2.48	30	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132		0.593	30	
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	45-147		2.17	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		2.51	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.194	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		0.858	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		2.11	30	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131		1.05	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		0.650	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		1.73	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		1.64	30	
2,2-Dichloropropane	8.19		"	10.0		81.9	56-150		3.12	30	
2-Chlorotoluene	11.9		"	10.0		119	79-130		0.504	30	
2-Hexanone	10.6		"	10.0		106	51-146		2.88	30	
4-Chlorotoluene	11.3		"	10.0		113	79-128		1.41	30	
Acetone	10.2		"	10.0		102	14-150		17.0	30	
Benzene	9.79		"	10.0		97.9	85-126		0.204	30	
Bromobenzene	12.3		"	10.0		123	78-129		0.567	30	
Bromochloromethane	10.1		"	10.0		101	77-128		1.59	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		1.90	30	
Bromoform	7.58		"	10.0		75.8	78-133	Low Bias	0.795	30	
Bromomethane	9.01		"	10.0		90.1	43-168		3.85	30	
Carbon tetrachloride	8.59		"	10.0		85.9	77-141		2.30	30	
Chlorobenzene	9.90		"	10.0		99.0	88-120		0.303	30	
Chloroethane	10.8		"	10.0		108	65-136		0.370	30	
Chloroform	10.0		"	10.0		100	82-128		0.795	30	
Chloromethane	5.91		"	10.0		59.1	43-155		13.7	30	
cis-1,2-Dichloroethylene	9.79		"	10.0		97.9	83-129		0.512	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		1.71	30	
Dibromochloromethane	8.65		"	10.0		86.5	80-130		3.17	30	
Dibromomethane	10.8		"	10.0		108	72-134		2.63	30	
Dichlorodifluoromethane	8.03		"	10.0		80.3	44-144		2.58	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		1.40	30	
Hexachlorobutadiene	9.95		"	10.0		99.5	67-146		3.07	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		3.04	30	
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	76-135		1.81	30	
Methylene chloride	9.34		"	10.0		93.4	55-137		0.537	30	
Naphthalene	10.3		"	10.0		103	70-147		3.46	30	
n-Butylbenzene	12.7		"	10.0		127	79-132		2.80	30	
n-Propylbenzene	11.5		"	10.0		115	78-133		3.08	30	
o-Xylene	10.7		"	10.0		107	78-130		0.376	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 BE60418 - EPA 5030B											
LCS Dup (BE60418-BSD1)							Prepared & Analyzed: 05/09/2016				
p- & m- Xylenes	23.0		ug/L	20.0		115	77-133		0.611	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		3.27	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		3.89	30	
Styrene	11.3		"	10.0		113	67-132		0.976	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		3.20	30	
Tetrachloroethylene	9.99		"	10.0		99.9	82-131		46.7	30	Non-dir.
Toluene	10.7		"	10.0		107	80-127		0.373	30	
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	80-132		1.33	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		1.99	30	
Trichloroethylene	10.4		"	10.0		104	82-128		4.43	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		3.82	30	
Vinyl Chloride	8.94		"	10.0		89.4	58-145		1.35	30	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*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 BE60235 - EPA 200.7											
Blank (BE60235-BLK1)								Prepared & Analyzed: 05/05/2016			
Iron	ND	0.0200	mg/L								
Reference (BE60235-SRM1)								Prepared & Analyzed: 05/05/2016			
Iron	0.831		ug/mL	0.900		92.3	85-115				
Batch BE60317 - EPA 200.7											
Blank (BE60317-BLK1)								Prepared & Analyzed: 05/06/2016			
Iron	ND	0.0200	mg/L								
Duplicate (BE60317-DUP1)	*Source sample: 16E0113-01 (WQ0502616: 1110 NP2-10)							Prepared & Analyzed: 05/06/2016			
Iron	11.6	0.0222	mg/L		11.0				5.25	20	
Matrix Spike (BE60317-MS1)	*Source sample: 16E0113-01 (WQ0502616: 1110 NP2-10)							Prepared & Analyzed: 05/06/2016			
Iron	12.8	0.0222	mg/L	1.11	11.0	163	75-125	High Bias			
Reference (BE60317-SRM1)								Prepared & Analyzed: 05/06/2016			
Iron	0.861		ug/mL	0.900		95.7	85-115				
Batch BE60320 - EPA 3015A											
Blank (BE60320-BLK1)								Prepared & Analyzed: 05/06/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BE60320-SRM1)								Prepared & Analyzed: 05/06/2016			
Iron - Dissolved	0.881		ug/mL	0.900		97.9	85-115				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE60198 - % Solids Prep											
Blank (BE60198-BLK1)											Prepared: 05/04/2016 Analyzed: 05/05/2016
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0112-01	WQ050216:1100 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0112-02	WQ050216:1105 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0113-01	WQ0502616: 1110 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.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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. 16E0112

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.

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 MetCN	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 for GW	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

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ050216.1100 NP2-6	5-2-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	3voa, 2plastic
WQ050216.1105 NP2-7	↓	GW	↓	3voa, 2plastic
WQ050216.1110 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)	3voa, 3plastic

Comments

Preservation Check those Applicable: 4°C ✓ Frozen__ HCl ✓ ZnAc MeOH__ Ascorbic Acid HNO3 ✓ H2SO4__ NaOH__ Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	5-2-16 1800	LBG Fridge	5-2-16 1800
LBG Fridge (Cooler)	5/4/16 1040	TC	5/4/16 1148
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
Dec'd LA	5/4/16 10:40		

Temperature on Receipt 4.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 16E0113

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@LBGLT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-100 only, pdf.
					NJDEP Red. Deliv.
					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 Me,CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Deadline	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 TCLP	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Index Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ050216: 1100 NP2-6	5-2-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3voa, 2plastic
WQ050216: 1105 NP2-7	↓	GW	↓	3voa, 2plastic
WQ050216: 1110 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: 4°C ✓ Frozen__ HCl ✓ MeOH__ HNO3 ✓ H2SO4__ NaOH__ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Evan Foster	5-2-16 1800	LBG Fridge	5-2-16 1800
LBG Fridge (Cath)	5/4/16 1040	TC	5/4/16 1148
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
Rec'd AA	5/4/16 10:40		

Temperature on Receipt 4.4 °C

Technical Report

prepared for:

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

Report Date: 05/24/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0794

Report Date: 05/24/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0794

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 May 19, 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
16E0794-01	WQ051716:1300 NP2-6	Water	05/17/2016	05/19/2016
16E0794-02	WQ051716:1305 NP2-7	Water	05/17/2016	05/19/2016
16E0797-01	WQ051716:1310 NP2-10	Water	05/17/2016	05/19/2016

General Notes for York Project (SDG) No.: 16E0794

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

Approved By: 

Date: 05/24/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ051716:1300 NP2-6 **York Sample ID:** 16E0794-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:00 pm	05/19/2016

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:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	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:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 NELAC-NY10854,NJDEP	05/20/2016 14:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35 CTDOH,NELAC-NY10854,NJDEP	05/20/2016 14:21	SS

Sample Information

Client Sample ID: WQ051716:1300 NP2-6 **York Sample ID:** 16E0794-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:00 pm	05/19/2016

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: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
67-64-1	**Acetone**	**1.2**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS

Sample Information

Client Sample ID: WQ051716:1300 NP2-6 **York Sample ID:** 16E0794-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:00 pm	05/19/2016

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
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/20/2016 08:35	05/20/2016 14:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/20/2016 08:35	05/20/2016 14:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
127-18-4	**Tetrachloroethylene**	**4.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
79-01-6	**Trichloroethylene**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/20/2016 08:35	05/20/2016 14:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.0 %*	*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

Sample Information

Client Sample ID: WQ051716:1300 NP2-6 **York Sample ID:** 16E0794-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:00 pm	05/19/2016

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**	**4.84**		mg/L	0.0162	0.0222	1	EPA 200.7	05/20/2016 11:36	05/20/2016 16:49	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**	**0.0765**		mg/L	0.0222	0.0222	1	EPA 6010C	05/20/2016 11:39	05/20/2016 15:31	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ051716:1305 NP2-7 **York Sample ID:** 16E0794-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:05 pm	05/19/2016

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	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	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	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	05/20/2016 08:35	05/20/2016 14:50	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ051716:1305 NP2-7 **York Sample ID:** 16E0794-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:05 pm	05/19/2016

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: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
67-64-1	**Acetone**	**1.1**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS

Sample Information

Client Sample ID: WQ051716:1305 NP2-7 **York Sample ID:** 16E0794-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:05 pm	05/19/2016

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:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854,NJDEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854,NJDEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854,NJDEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 NELAC-NY10854	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/20/2016 08:35	05/20/2016 14:50 CTDOH,NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: WQ051716:1305 NP2-7 **York Sample ID:** 16E0794-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0794	Rowe Industries	Water	May 17, 2016 1:05 pm	05/19/2016

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/20/2016 08:35	05/20/2016 14:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*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**	**2.60**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2016 11:36	05/20/2016 16:54	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**	**0.0314**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2016 11:39	05/20/2016 15:49	KV

Sample Information

Client Sample ID: WQ051716:1310 NP2-10 **York Sample ID:** 16E0797-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0797	Rowe Industries	Water	May 17, 2016 1:10 pm	05/19/2016

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	05/20/2016 08:35	05/20/2016 15:19	SS

Sample Information

Client Sample ID: WQ051716:1310 NP2-10 **York Sample ID:** 16E0797-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0797	Rowe Industries	Water	May 17, 2016 1:10 pm	05/19/2016

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	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	05/20/2016 08:35	05/20/2016 15:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS

Sample Information

Client Sample ID: WQ051716:1310 NP2-10 **York Sample ID:** 16E0797-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0797	Rowe Industries	Water	May 17, 2016 1:10 pm	05/19/2016

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
67-64-1	**Acetone**	**1.2**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS

Sample Information

Client Sample ID: WQ051716:1310 NP2-10 **York Sample ID:** 16E0797-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0797	Rowe Industries	Water	May 17, 2016 1:10 pm	05/19/2016

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
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/20/2016 08:35	05/20/2016 15:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/20/2016 08:35	05/20/2016 15:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/20/2016 08:35	05/20/2016 15:19	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*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**	**0.890**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2016 11:36	05/20/2016 16:59	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

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: WQ051716:1310 NP2-10 **York Sample ID:** 16E0797-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0797	Rowe Industries	Water	May 17, 2016 1:10 pm	05/19/2016

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**	**0.0374**		mg/L	0.0222	0.0222	1	EPA 6010C	05/20/2016 11:39	05/20/2016 15:54	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	**167**		mg/L	10.0	10.0	1	SM 2540C	05/20/2016 20:57	05/23/2016 18:56	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BE61041 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0794-01	WQ051716:1300 NP2-6	05/20/16
16E0794-02	WQ051716:1305 NP2-7	05/20/16
16E0797-01	WQ051716:1310 NP2-10	05/20/16
BE61041-BLK1	Blank	05/20/16
BE61041-BS1	LCS	05/20/16
BE61041-BSD1	LCS Dup	05/20/16

Batch ID: BE61051 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0794-01	WQ051716:1300 NP2-6	05/20/16
16E0794-02	WQ051716:1305 NP2-7	05/20/16
16E0797-01	WQ051716:1310 NP2-10	05/20/16
BE61051-BLK1	Blank	05/20/16
BE61051-SRM1	Reference	05/20/16

Batch ID: BE61053 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0794-01	WQ051716:1300 NP2-6	05/20/16
16E0794-02	WQ051716:1305 NP2-7	05/20/16
16E0797-01	WQ051716:1310 NP2-10	05/20/16
BE61053-BLK1	Blank	05/20/16
BE61053-DUP1	Duplicate	05/20/16
BE61053-MS1	Matrix Spike	05/20/16
BE61053-SRM1	Reference	05/20/16

Batch ID: BE61072 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16E0797-01	WQ051716:1310 NP2-10	05/20/16
BE61072-BLK1	Blank	05/20/16

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 BE61041 - EPA 5030B											
Blank (BE61041-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	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	0.27	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	"								

Prepared & Analyzed: 05/20/2016

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE61041 - EPA 5030B											
Blank (BE61041-BLK1)								Prepared & Analyzed: 05/20/2016			
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	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				
LCS (BE61041-BS1)								Prepared & Analyzed: 05/20/2016			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	10.3		"	10.0		103	82-123				
1,1-Dichloroethane	11.2		"	10.0		112	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,1-Dichloropropylene	10.2		"	10.0		102	83-133				
1,2,3-Trichlorobenzene	12.3		"	10.0		123	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	11.6		"	10.0		116	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.12		"	10.0		91.2	45-147				
1,2-Dibromoethane	10.2		"	10.0		102	83-124				
1,2-Dichlorobenzene	9.87		"	10.0		98.7	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	86-122				
1,3-Dichloropropane	10.4		"	10.0		104	81-125				
1,4-Dichlorobenzene	9.81		"	10.0		98.1	85-124				
2,2-Dichloropropane	11.2		"	10.0		112	56-150				
2-Chlorotoluene	9.97		"	10.0		99.7	79-130				
2-Hexanone	9.61		"	10.0		96.1	51-146				
4-Chlorotoluene	9.95		"	10.0		99.5	79-128				
Acetone	8.27		"	10.0		82.7	14-150				
Benzene	10.9		"	10.0		109	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	11.2		"	10.0		112	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	9.30		"	10.0		93.0	78-133				
Bromomethane	3.11		"	10.0		31.1	43-168	Low Bias			
Carbon tetrachloride	10.3		"	10.0		103	77-141				
Chlorobenzene	10.0		"	10.0		100	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 BE61041 - EPA 5030B											
LCS (BE61041-BS1)								Prepared & Analyzed: 05/20/2016			
Chloroethane	10.2		ug/L	10.0		102	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	7.86		"	10.0		78.6	43-155				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Dibromochloromethane	9.62		"	10.0		96.2	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	8.88		"	10.0		88.8	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	9.92		"	10.0		99.2	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	8.94		"	10.0		89.4	55-137				
Naphthalene	11.5		"	10.0		115	70-147				
n-Butylbenzene	10.7		"	10.0		107	79-132				
n-Propylbenzene	10.0		"	10.0		100	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	21.6		"	20.0		108	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	9.76		"	10.0		97.6	79-137				
Styrene	11.3		"	10.0		113	67-132				
tert-Butylbenzene	9.77		"	10.0		97.7	77-138				
Tetrachloroethylene	10.1		"	10.0		101	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	9.88		"	10.0		98.8	67-139				
Vinyl Chloride	9.77		"	10.0		97.7	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.73*		*"*	*10.0*		*97.3*	*69-130*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*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 BE61041 - EPA 5030B											
LCS Dup (BE61041-BSD1)								Prepared & Analyzed: 05/20/2016			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		1.34	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		2.81	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		2.09	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		5.07	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		1.25	30	
1,1-Dichloroethane	11.3		"	10.0		113	82-129		0.890	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		1.19	30	
1,1-Dichloropropylene	10.6		"	10.0		106	83-133		3.65	30	
1,2,3-Trichlorobenzene	13.4		"	10.0		134	76-136		8.09	30	
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		1.57	30	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	76-137		3.65	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		0.940	30	
1,2-Dibromo-3-chloropropane	9.71		"	10.0		97.1	45-147		6.27	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		3.10	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		2.70	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		3.21	30	
1,2-Dichloropropane	10.6		"	10.0		106	78-126		2.48	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		0.851	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		0.997	30	
1,3-Dichloropropane	10.7		"	10.0		107	81-125		2.27	30	
1,4-Dichlorobenzene	9.95		"	10.0		99.5	85-124		1.42	30	
2,2-Dichloropropane	11.4		"	10.0		114	56-150		1.68	30	
2-Chlorotoluene	9.95		"	10.0		99.5	79-130		0.201	30	
2-Hexanone	9.75		"	10.0		97.5	51-146		1.45	30	
4-Chlorotoluene	9.96		"	10.0		99.6	79-128		0.100	30	
Acetone	8.82		"	10.0		88.2	14-150		6.44	30	
Benzene	11.1		"	10.0		111	85-126		2.09	30	
Bromobenzene	10.4		"	10.0		104	78-129		1.54	30	
Bromochloromethane	11.3		"	10.0		113	77-128		0.445	30	
Bromodichloromethane	10.5		"	10.0		105	79-128		1.44	30	
Bromoform	9.57		"	10.0		95.7	78-133		2.86	30	
Bromomethane	3.82		"	10.0		38.2	43-168	Low Bias	20.5	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		3.24	30	
Chlorobenzene	10.2		"	10.0		102	88-120		2.08	30	
Chloroethane	10.4		"	10.0		104	65-136		1.93	30	
Chloroform	11.3		"	10.0		113	82-128		1.69	30	
Chloromethane	7.96		"	10.0		79.6	43-155		1.26	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		1.83	30	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131		2.70	30	
Dibromochloromethane	10.0		"	10.0		100	80-130		4.27	30	
Dibromomethane	10.7		"	10.0		107	72-134		1.79	30	
Dichlorodifluoromethane	9.12		"	10.0		91.2	44-144		2.67	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		1.85	30	
Hexachlorobutadiene	10.9		"	10.0		109	67-146		1.28	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		0.803	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.39	30	
Methylene chloride	9.10		"	10.0		91.0	55-137		1.77	30	
Naphthalene	12.5		"	10.0		125	70-147		8.50	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		0.00	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		0.397	30	
o-Xylene	10.3		"	10.0		103	78-130		1.37	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 BE61041 - EPA 5030B											
LCS Dup (BE61041-BSD1)								Prepared & Analyzed: 05/20/2016			
p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.920	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		0.371	30	
sec-Butylbenzene	9.83		"	10.0		98.3	79-137		0.715	30	
Styrene	11.5		"	10.0		115	67-132		1.75	30	
tert-Butylbenzene	9.83		"	10.0		98.3	77-138		0.612	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		1.18	30	
Toluene	10.8		"	10.0		108	80-127		1.21	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		1.39	30	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131		1.65	30	
Trichloroethylene	10.4		"	10.0		104	82-128		1.55	30	
Trichlorofluoromethane	10.2		"	10.0		102	67-139		2.89	30	
Vinyl Chloride	10.0		"	10.0		100	58-145		2.33	30	
Surrogate: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*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 BE61051 - EPA 200.7											
Blank (BE61051-BLK1)								Prepared & Analyzed: 05/20/2016			
Iron	ND	0.0200	mg/L								
Reference (BE61051-SRM1)								Prepared & Analyzed: 05/20/2016			
Iron	0.838		ug/mL	0.900		93.1	85-115				
Batch BE61053 - EPA 3015A											
Blank (BE61053-BLK1)								Prepared & Analyzed: 05/20/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE61053-DUP1)	*Source sample: 16E0794-01 (WQ051716:1300 NP2-6)							Prepared & Analyzed: 05/20/2016			
Iron - Dissolved	0.0737	0.0222	mg/L		0.0765				3.72	20	
Matrix Spike (BE61053-MS1)	*Source sample: 16E0794-01 (WQ051716:1300 NP2-6)							Prepared & Analyzed: 05/20/2016			
Iron - Dissolved	1.21	0.0222	mg/L	1.11	0.0765	102	75-125				
Reference (BE61053-SRM1)								Prepared & Analyzed: 05/20/2016			
Iron - Dissolved	0.838		ug/mL	0.900		93.1	85-115				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE61072 - % Solids Prep											
Blank (BE61072-BLK1)											Prepared: 05/20/2016 Analyzed: 05/23/2016
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0794-01	WQ051716:1300 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0794-02	WQ051716:1305 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0797-01	WQ051716:1310 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.
M-LSRD	Original sample conc <50 X reporting limit.
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.

---

*	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 REBEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 160794

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

Samples from: CT__ NY X NJ__

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

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

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

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

Samples Collected/Authorized By (Signature)
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 TAL/CN	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)
WQ051716.1300 NP2-6	5-17-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3 voa, 2 plastic
WQ051716.1305 NP2-7	↓	GW	↓	3 voa, 2 plastic
WQ051716.1310 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus from 113 / TDS (SM 2540C)	3 voa, 3 plastic

Comments

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

4°C X Frozen__ HCl X MeOH__ HNO3 X H2SO4__ NaOH__
ZnAc Ascorbic Acid Other

Samples Relinquished By: 5-17-16 18:00 (Date/Time)
Samples Received By: LBG Fridge 5-17-16 18:00 (Date/Time)
Samples Relinquished By: (Date/Time)
Samples Received in LAB by: 5/19/16 1817 (Date/Time)
5/19/16 11:16

Temperature on Receipt: 4.6°C

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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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. 16E0797

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)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ051716.1300 NP2-6	5-17-16	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
WQ051716.1305 NP2-7	↓	GW	↓	3 voa, 2 plastic
WQ051716.1310 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)	3 voa, 3 plastic

Comments

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

4°C X Frozen__ HCl X MeOH__ HNO_3 X H_2SO_4__ NaOH__
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time: 5-17-16 1800
Samples Received By: LBG Fridge — Date/Time: 5-17-16 1800
Samples Relinquished By — Date/Time:
Samples Received in LAB by: 5/19/16 1817 — Date/Time

Temperature on Receipt: 4.6°C

5/19/16 11:16

APPENDIX II
MAY 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: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0108

Report Date: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0108

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 May 04, 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
16E0108-01	GWQ050216:1020NP1-1-2	Water	05/02/2016	05/04/2016

General Notes for York Project (SDG) No.: 16E0108

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

Approved By: 

Date: 05/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWQ050216:1020NP1-1-2 **York Sample ID:** 16E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0108	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:35	05/10/2016 02:54	SS
71-55-6	**1,1,1-Trichloroethane**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	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	05/09/2016 16:35	05/10/2016 02:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS

Sample Information

Client Sample ID: GWQ050216:1020NP1-1-2 **York Sample ID:** 16E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0108	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:54	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: GWQ050216:1020NP1-1-2 **York Sample ID:** 16E0108-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0108	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:35	05/10/2016 02:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
127-18-4	**Tetrachloroethylene**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
79-01-6	**Trichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/09/2016 16:35	05/10/2016 02:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.1 %*	*79-122*

Analytical Batch Summary

Batch ID: BE60417 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0108-01	GWQ050216:1020NP1-1-2	05/09/16
BE60417-BLK1	Blank	05/09/16
BE60417-BS1	LCS	05/09/16
BE60417-BSD1	LCS Dup	05/09/16

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 BE60417 - EPA 5030B											
Blank (BE60417-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.76	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.21	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	"								

Prepared & Analyzed: 05/09/2016

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 BE60417 - EPA 5030B											
Blank (BE60417-BLK1)								Prepared & Analyzed: 05/09/2016			
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	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	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.50*		*"*	*10.0*		*95.0*	*79-122*				
LCS (BE60417-BS1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	68-138				
1,1-Dichloropropylene	10.7		"	10.0		107	83-133				
1,2,3-Trichlorobenzene	15.8		"	10.0		158	76-136	High Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	13.8		"	10.0		138	76-137	High Bias			
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	9.90		"	10.0		99.0	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	9.86		"	10.0		98.6	85-124				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Chlorotoluene	9.81		"	10.0		98.1	79-130				
2-Hexanone	10.2		"	10.0		102	51-146				
4-Chlorotoluene	9.89		"	10.0		98.9	79-128				
Acetone	9.57		"	10.0		95.7	14-150				
Benzene	11.3		"	10.0		113	85-126				
Bromobenzene	9.98		"	10.0		99.8	78-129				
Bromochloromethane	12.2		"	10.0		122	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	11.5		"	10.0		115	78-133				
Bromomethane	12.1		"	10.0		121	43-168				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.2		"	10.0		102	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 BE60417 - EPA 5030B											
LCS (BE60417-BS1)							Prepared & Analyzed: 05/09/2016				
Chloroethane	9.90		ug/L	10.0		99.0	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	13.0		"	10.0		130	80-131				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	9.07		"	10.0		90.7	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	12.2		"	10.0		122	67-146				
Isopropylbenzene	9.83		"	10.0		98.3	76-140				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135				
Methylene chloride	10.3		"	10.0		103	55-137				
Naphthalene	13.8		"	10.0		138	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	9.85		"	10.0		98.5	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	9.65		"	10.0		96.5	79-137				
Styrene	12.1		"	10.0		121	67-132				
tert-Butylbenzene	9.69		"	10.0		96.9	77-138				
Tetrachloroethylene	10.9		"	10.0		109	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	13.1		"	10.0		131	78-131				
Trichloroethylene	9.85		"	10.0		98.5	82-128				
Trichlorofluoromethane	9.84		"	10.0		98.4	67-139				
Vinyl Chloride	9.45		"	10.0		94.5	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.32*		*"*	*10.0*		*93.2*	*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 BE60417 - EPA 5030B											
LCS Dup (BE60417-BSD1)							Prepared & Analyzed: 05/09/2016				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		1.01	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		0.801	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.687	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165		1.56	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.186	30	
1,1-Dichloroethane	11.3		"	10.0		113	82-129		1.15	30	
1,1-Dichloroethylene	10.7		"	10.0		107	68-138		0.561	30	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		1.30	30	
1,2,3-Trichlorobenzene	16.6		"	10.0		166	76-136	High Bias	5.26	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		1.38	30	
1,2,4-Trichlorobenzene	14.2		"	10.0		142	76-137	High Bias	2.28	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		0.655	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		3.25	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		1.02	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		0.695	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		1.12	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		0.389	30	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		1.32	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		1.10	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		0.763	30	
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124		0.707	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		1.87	30	
2-Chlorotoluene	9.92		"	10.0		99.2	79-130		1.12	30	
2-Hexanone	9.66		"	10.0		96.6	51-146		5.63	30	
4-Chlorotoluene	9.97		"	10.0		99.7	79-128		0.806	30	
Acetone	8.03		"	10.0		80.3	14-150		17.5	30	
Benzene	11.2		"	10.0		112	85-126		1.06	30	
Bromobenzene	10.1		"	10.0		101	78-129		1.29	30	
Bromochloromethane	12.0		"	10.0		120	77-128		1.49	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		0.746	30	
Bromoform	11.5		"	10.0		115	78-133		0.261	30	
Bromomethane	12.9		"	10.0		129	43-168		6.38	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		2.12	30	
Chlorobenzene	10.2		"	10.0		102	88-120		0.196	30	
Chloroethane	9.86		"	10.0		98.6	65-136		0.405	30	
Chloroform	11.1		"	10.0		111	82-128		1.60	30	
Chloromethane	10.2		"	10.0		102	43-155		1.29	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		0.998	30	
cis-1,3-Dichloropropylene	13.0		"	10.0		130	80-131		0.308	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.466	30	
Dibromomethane	10.6		"	10.0		106	72-134		0.945	30	
Dichlorodifluoromethane	8.90		"	10.0		89.0	44-144		1.89	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		0.184	30	
Hexachlorobutadiene	12.4		"	10.0		124	67-146		2.03	30	
Isopropylbenzene	9.98		"	10.0		99.8	76-140		1.51	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		0.0888	30	
Methylene chloride	10.2		"	10.0		102	55-137		0.584	30	
Naphthalene	14.2		"	10.0		142	70-147		2.43	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		1.06	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		1.41	30	
o-Xylene	10.4		"	10.0		104	78-130		0.484	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 BE60417 - EPA 5030B											
LCS Dup (BE60417-BSD1)								Prepared & Analyzed: 05/09/2016			
p- & m- Xylenes	21.9		ug/L	20.0		110	77-133		0.457	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		0.951	30	
sec-Butylbenzene	9.80		"	10.0		98.0	79-137		1.54	30	
Styrene	12.1		"	10.0		121	67-132		0.579	30	
tert-Butylbenzene	9.86		"	10.0		98.6	77-138		1.74	30	
Tetrachloroethylene	9.74		"	10.0		97.4	82-131		11.6	30	
Toluene	10.9		"	10.0		109	80-127		0.367	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		0.0920	30	
trans-1,3-Dichloropropylene	13.1		"	10.0		131	78-131		0.382	30	
Trichloroethylene	9.89		"	10.0		98.9	82-128		0.405	30	
Trichlorofluoromethane	9.74		"	10.0		97.4	67-139		1.02	30	
Vinyl Chloride	9.42		"	10.0		94.2	58-145		0.318	30	
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.33*		*"*	*10.0*		*93.3*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0108-01	GWQ050216:1020NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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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. 16E0108

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, Suit 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 ___	Standard(5-7 Days) ☒	NY ASP A Package
					NY ASP B Package X, 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)

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):

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dilution Factors	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW20150216.1020NPI-1-2	5-2-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 vaa

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

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

Comments

LBG Fridge (CLZ) 5/4/16 1040
Samples Relinquished By / Date/Time

Samples Relinquished By / Date/Time

Samples Received By TC Pahl 5/4/16 1148
Date/Time

Samples Received in LAB by / Date/Time

Rec'd 5/4/16 10:40

Temperature on Receipt 4.4 °C

(RW & FRW)

Technical Report

prepared for:

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

Report Date: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0109

Report Date: 05/10/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0109

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 May 04, 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
16E0109-01	WQ050216:1000FRW-1	Water	05/02/2016	05/04/2016
16E0109-02	WQ050216:1000FRW-2	Water	05/02/2016	05/04/2016
16E0109-03	WQ050216:1000FRW-3	Water	05/02/2016	05/04/2016
16E0109-04	WQ050216:1000FRW-4	Water	05/02/2016	05/04/2016

General Notes for York Project (SDG) No.: 16E0109

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

Approved By: 

Date: 05/10/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ050216:1000FRW-1 **York Sample ID:** 16E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:35	05/10/2016 02:03	SS
71-55-6	**1,1,1-Trichloroethane**	**0.74**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	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	05/09/2016 16:35	05/10/2016 02:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS

Sample Information

Client Sample ID: WQ050216:1000FRW-1 **York Sample ID:** 16E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**5.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:35	05/10/2016 02:03	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ050216:1000FRW-1 **York Sample ID:** 16E0109-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:35	05/10/2016 02:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
127-18-4	**Tetrachloroethylene**	**78**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
79-01-6	**Trichloroethylene**	**2.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/09/2016 16:35	05/10/2016 02:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*79-122*

Sample Information

Client Sample ID: WQ050216:1000FRW-2 **York Sample ID:** 16E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	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:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:35 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 02:29	SS

Sample Information

Client Sample ID: WQ050216:1000FRW-2 **York Sample ID:** 16E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
67-64-1	**Acetone**	**1.1**	CCV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS

Sample Information

Client Sample ID: WQ050216:1000FRW-2 **York Sample ID:** 16E0109-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:35	05/10/2016 02:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:35	05/10/2016 02:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
127-18-4	**Tetrachloroethylene**	**16**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
79-01-6	**Trichloroethylene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/09/2016 16:35	05/10/2016 02:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Sample Information

Client Sample ID: WQ050216:1000FRW-3 **York Sample ID:** 16E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

Sample Information

Client Sample ID: **WQ050216:1000FRW-3** | **York Sample ID:** **16E0109-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:37	05/10/2016 03:25	BK
71-55-6	**1,1,1-Trichloroethane**	**0.52**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	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	05/09/2016 16:37	05/10/2016 03:25	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK

Sample Information

Client Sample ID: WQ050216:1000FRW-3 **York Sample ID:** 16E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
156-59-2	**cis-1,2-Dichloroethylene**	**17**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
98-82-8	**Isopropylbenzene**	**0.85**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:25	BK

Sample Information

Client Sample ID: WQ050216:1000FRW-3 **York Sample ID:** 16E0109-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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	05/09/2016 16:37	05/10/2016 03:25	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
103-65-1	**n-Propylbenzene**	**0.37**	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:37	05/10/2016 03:25	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/09/2016 16:37	05/10/2016 03:25	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
127-18-4	**Tetrachloroethylene**	**150**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
108-88-3	**Toluene**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
79-01-6	**Trichloroethylene**	**7.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/09/2016 16:37	05/10/2016 03:25	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*79-122*

Sample Information

Client Sample ID: WQ050216:1000FRW-4 **York Sample ID:** 16E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK

Sample Information

Client Sample ID: WQ050216:1000FRW-4 **York Sample ID:** 16E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/09/2016 16:37	05/10/2016 03:51	BK NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ050216:1000FRW-4 **York Sample ID:** 16E0109-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0109	Rowe Industries	Water	May 2, 2016 3:00 pm	05/04/2016

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:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 03:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/09/2016 16:37 NELAC-NY10854	05/10/2016 03:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
127-18-4	**Tetrachloroethylene**	**6.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
79-01-6	**Trichloroethylene**	**0.82**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NELAC-NY10854,NJDEP	05/10/2016 03:51	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	05/09/2016 16:37 CTDOH,NJDEP	05/10/2016 03:51	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*79-122*

Analytical Batch Summary

Batch ID: BE60417 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0109-01	WQ050216:1000FRW-1	05/09/16
16E0109-02	WQ050216:1000FRW-2	05/09/16
BE60417-BLK1	Blank	05/09/16
BE60417-BS1	LCS	05/09/16
BE60417-BSD1	LCS Dup	05/09/16

Batch ID: BE60418 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0109-03	WQ050216:1000FRW-3	05/09/16
16E0109-04	WQ050216:1000FRW-4	05/09/16
BE60418-BLK1	Blank	05/09/16
BE60418-BS1	LCS	05/09/16
BE60418-BSD1	LCS Dup	05/09/16

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 BE60417 - EPA 5030B											
Blank (BE60417-BLK1)											Prepared & Analyzed: 05/09/2016
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	0.76	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.21	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 BE60417 - EPA 5030B											
Blank (BE60417-BLK1)								Prepared & Analyzed: 05/09/2016			
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	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	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.50*		*"*	*10.0*		*95.0*	*79-122*				
LCS (BE60417-BS1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165				
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	68-138				
1,1-Dichloropropylene	10.7		"	10.0		107	83-133				
1,2,3-Trichlorobenzene	15.8		"	10.0		158	76-136	High Bias			
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	13.8		"	10.0		138	76-137	High Bias			
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	10.3		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	9.90		"	10.0		99.0	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	9.86		"	10.0		98.6	85-124				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Chlorotoluene	9.81		"	10.0		98.1	79-130				
2-Hexanone	10.2		"	10.0		102	51-146				
4-Chlorotoluene	9.89		"	10.0		98.9	79-128				
Acetone	9.57		"	10.0		95.7	14-150				
Benzene	11.3		"	10.0		113	85-126				
Bromobenzene	9.98		"	10.0		99.8	78-129				
Bromochloromethane	12.2		"	10.0		122	77-128				
Bromodichloromethane	10.8		"	10.0		108	79-128				
Bromoform	11.5		"	10.0		115	78-133				
Bromomethane	12.1		"	10.0		121	43-168				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.2		"	10.0		102	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 BE60417 - EPA 5030B											
LCS (BE60417-BS1)							Prepared & Analyzed: 05/09/2016				
Chloroethane	9.90		ug/L	10.0		99.0	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	13.0		"	10.0		130	80-131				
Dibromochloromethane	10.7		"	10.0		107	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	9.07		"	10.0		90.7	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	12.2		"	10.0		122	67-146				
Isopropylbenzene	9.83		"	10.0		98.3	76-140				
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135				
Methylene chloride	10.3		"	10.0		103	55-137				
Naphthalene	13.8		"	10.0		138	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	9.85		"	10.0		98.5	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Isopropyltoluene	10.5		"	10.0		105	81-136				
sec-Butylbenzene	9.65		"	10.0		96.5	79-137				
Styrene	12.1		"	10.0		121	67-132				
tert-Butylbenzene	9.69		"	10.0		96.9	77-138				
Tetrachloroethylene	10.9		"	10.0		109	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132				
trans-1,3-Dichloropropylene	13.1		"	10.0		131	78-131				
Trichloroethylene	9.85		"	10.0		98.5	82-128				
Trichlorofluoromethane	9.84		"	10.0		98.4	67-139				
Vinyl Chloride	9.45		"	10.0		94.5	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*69-130*				
Surrogate: Toluene-d8	*9.93*		*"*	*10.0*		*99.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.32*		*"*	*10.0*		*93.2*	*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 BE60417 - EPA 5030B											
LCS Dup (BE60417-BSD1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		1.01	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		0.801	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.687	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165		1.56	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		0.186	30	
1,1-Dichloroethane	11.3		"	10.0		113	82-129		1.15	30	
1,1-Dichloroethylene	10.7		"	10.0		107	68-138		0.561	30	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		1.30	30	
1,2,3-Trichlorobenzene	16.6		"	10.0		166	76-136	High Bias	5.26	30	
1,2,3-Trichloropropane	10.0		"	10.0		100	77-128		1.38	30	
1,2,4-Trichlorobenzene	14.2		"	10.0		142	76-137	High Bias	2.28	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		0.655	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		3.25	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		1.02	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		0.695	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		1.12	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		0.389	30	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		1.32	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		1.10	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		0.763	30	
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124		0.707	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		1.87	30	
2-Chlorotoluene	9.92		"	10.0		99.2	79-130		1.12	30	
2-Hexanone	9.66		"	10.0		96.6	51-146		5.63	30	
4-Chlorotoluene	9.97		"	10.0		99.7	79-128		0.806	30	
Acetone	8.03		"	10.0		80.3	14-150		17.5	30	
Benzene	11.2		"	10.0		112	85-126		1.06	30	
Bromobenzene	10.1		"	10.0		101	78-129		1.29	30	
Bromochloromethane	12.0		"	10.0		120	77-128		1.49	30	
Bromodichloromethane	10.7		"	10.0		107	79-128		0.746	30	
Bromoform	11.5		"	10.0		115	78-133		0.261	30	
Bromomethane	12.9		"	10.0		129	43-168		6.38	30	
Carbon tetrachloride	11.7		"	10.0		117	77-141		2.12	30	
Chlorobenzene	10.2		"	10.0		102	88-120		0.196	30	
Chloroethane	9.86		"	10.0		98.6	65-136		0.405	30	
Chloroform	11.1		"	10.0		111	82-128		1.60	30	
Chloromethane	10.2		"	10.0		102	43-155		1.29	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		0.998	30	
cis-1,3-Dichloropropylene	13.0		"	10.0		130	80-131		0.308	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.466	30	
Dibromomethane	10.6		"	10.0		106	72-134		0.945	30	
Dichlorodifluoromethane	8.90		"	10.0		89.0	44-144		1.89	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		0.184	30	
Hexachlorobutadiene	12.4		"	10.0		124	67-146		2.03	30	
Isopropylbenzene	9.98		"	10.0		99.8	76-140		1.51	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		0.0888	30	
Methylene chloride	10.2		"	10.0		102	55-137		0.584	30	
Naphthalene	14.2		"	10.0		142	70-147		2.43	30	
n-Butylbenzene	10.4		"	10.0		104	79-132		1.06	30	
n-Propylbenzene	9.99		"	10.0		99.9	78-133		1.41	30	
o-Xylene	10.4		"	10.0		104	78-130		0.484	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 BE60417 - EPA 5030B											
LCS Dup (BE60417-BSD1)								Prepared & Analyzed: 05/09/2016			
p- & m- Xylenes	21.9		ug/L	20.0		110	77-133		0.457	30	
p-Isopropyltoluene	10.6		"	10.0		106	81-136		0.951	30	
sec-Butylbenzene	9.80		"	10.0		98.0	79-137		1.54	30	
Styrene	12.1		"	10.0		121	67-132		0.579	30	
tert-Butylbenzene	9.86		"	10.0		98.6	77-138		1.74	30	
Tetrachloroethylene	9.74		"	10.0		97.4	82-131		11.6	30	
Toluene	10.9		"	10.0		109	80-127		0.367	30	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	80-132		0.0920	30	
trans-1,3-Dichloropropylene	13.1		"	10.0		131	78-131		0.382	30	
Trichloroethylene	9.89		"	10.0		98.9	82-128		0.405	30	
Trichlorofluoromethane	9.74		"	10.0		97.4	67-139		1.02	30	
Vinyl Chloride	9.42		"	10.0		94.2	58-145		0.318	30	
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.33*		*"*	*10.0*		*93.3*	*79-122*				
Batch BE60418 - EPA 5030B											
Blank (BE60418-BLK1)								Prepared & Analyzed: 05/09/2016			
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	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	"								

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 BE60418 - EPA 5030B											
Blank (BE60418-BLK1)											
Prepared & Analyzed: 05/09/2016											
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	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*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 BE60418 - EPA 5030B											
LCS (BE60418-BS1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126				
1,1,1-Trichloroethane	9.20		"	10.0		92.0	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	9.87		"	10.0		98.7	68-138				
1,1-Dichloropropylene	9.94		"	10.0		99.4	83-133				
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	76-136				
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128				
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-137				
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.11		"	10.0		91.1	45-147				
1,2-Dibromoethane	9.82		"	10.0		98.2	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.8		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	11.5		"	10.0		115	80-131				
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122				
1,3-Dichloropropane	10.9		"	10.0		109	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
2,2-Dichloropropane	8.45		"	10.0		84.5	56-150				
2-Chlorotoluene	11.9		"	10.0		119	79-130				
2-Hexanone	10.9		"	10.0		109	51-146				
4-Chlorotoluene	11.5		"	10.0		115	79-128				
Acetone	12.1		"	10.0		121	14-150				
Benzene	9.81		"	10.0		98.1	85-126				
Bromobenzene	12.4		"	10.0		124	78-129				
Bromochloromethane	9.97		"	10.0		99.7	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	7.52		"	10.0		75.2	78-133	Low Bias			
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon tetrachloride	8.79		"	10.0		87.9	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	10.8		"	10.0		108	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	5.15		"	10.0		51.5	43-155				
cis-1,2-Dichloroethylene	9.74		"	10.0		97.4	83-129				
cis-1,3-Dichloropropylene	9.88		"	10.0		98.8	80-131				
Dibromochloromethane	8.38		"	10.0		83.8	80-130				
Dibromomethane	10.5		"	10.0		105	72-134				
Dichlorodifluoromethane	8.24		"	10.0		82.4	44-144				
Ethyl Benzene	11.5		"	10.0		115	80-131				
Hexachlorobutadiene	10.3		"	10.0		103	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl tert-butyl ether (MTBE)	8.77		"	10.0		87.7	76-135				
Methylene chloride	9.29		"	10.0		92.9	55-137				
Naphthalene	9.95		"	10.0		99.5	70-147				
n-Butylbenzene	13.0		"	10.0		130	79-132				
n-Propylbenzene	11.9		"	10.0		119	78-133				
o-Xylene	10.6		"	10.0		106	78-130				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE60418 - EPA 5030B											
LCS (BE60418-BS1)								Prepared & Analyzed: 05/09/2016			
p- & m- Xylenes	22.9		ug/L	20.0		114	77-133				
p-Isopropyltoluene	11.8		"	10.0		118	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	11.2		"	10.0		112	67-132				
tert-Butylbenzene	10.5		"	10.0		105	77-138				
Tetrachloroethylene	16.1		"	10.0		161	82-131	High Bias			
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	9.87		"	10.0		98.7	80-132				
trans-1,3-Dichloropropylene	9.44		"	10.0		94.4	78-131				
Trichloroethylene	10.8		"	10.0		108	82-128				
Trichlorofluoromethane	12.0		"	10.0		120	67-139				
Vinyl Chloride	8.82		"	10.0		88.2	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BE60418-BSD1)								Prepared & Analyzed: 05/09/2016			
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.412	30	
1,1,1-Trichloroethane	8.97		"	10.0		89.7	78-136		2.53	30	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	76-129		7.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.03		"	10.0		90.3	54-165		3.27	30	
1,1,2-Trichloroethane	10.4		"	10.0		104	82-123		3.23	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		0.00	30	
1,1-Dichloroethylene	9.63		"	10.0		96.3	68-138		2.46	30	
1,1-Dichloropropylene	9.67		"	10.0		96.7	83-133		2.75	30	
1,2,3-Trichlorobenzene	9.91		"	10.0		99.1	76-136		3.18	30	
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128		1.50	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		2.48	30	
1,2,4-Trimethylbenzene	11.8		"	10.0		118	82-132		0.593	30	
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	45-147		2.17	30	
1,2-Dibromoethane	10.1		"	10.0		101	83-124		2.51	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.194	30	
1,2-Dichloroethane	10.5		"	10.0		105	73-132		0.858	30	
1,2-Dichloropropane	11.0		"	10.0		110	78-126		2.11	30	
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131		1.05	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		0.650	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		1.73	30	
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124		1.64	30	
2,2-Dichloropropane	8.19		"	10.0		81.9	56-150		3.12	30	
2-Chlorotoluene	11.9		"	10.0		119	79-130		0.504	30	
2-Hexanone	10.6		"	10.0		106	51-146		2.88	30	
4-Chlorotoluene	11.3		"	10.0		113	79-128		1.41	30	
Acetone	10.2		"	10.0		102	14-150		17.0	30	
Benzene	9.79		"	10.0		97.9	85-126		0.204	30	
Bromobenzene	12.3		"	10.0		123	78-129		0.567	30	
Bromochloromethane	10.1		"	10.0		101	77-128		1.59	30	
Bromodichloromethane	10.6		"	10.0		106	79-128		1.90	30	
Bromoform	7.58		"	10.0		75.8	78-133	Low Bias	0.795	30	
Bromomethane	9.01		"	10.0		90.1	43-168		3.85	30	
Carbon tetrachloride	8.59		"	10.0		85.9	77-141		2.30	30	
Chlorobenzene	9.90		"	10.0		99.0	88-120		0.303	30	
Chloroethane	10.8		"	10.0		108	65-136		0.370	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 BE60418 - EPA 5030B											
LCS Dup (BE60418-BSD1)								Prepared & Analyzed: 05/09/2016			
Chloroform	10.0		ug/L	10.0		100	82-128		0.795	30	
Chloromethane	5.91		"	10.0		59.1	43-155		13.7	30	
cis-1,2-Dichloroethylene	9.79		"	10.0		97.9	83-129		0.512	30	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131		1.71	30	
Dibromochloromethane	8.65		"	10.0		86.5	80-130		3.17	30	
Dibromomethane	10.8		"	10.0		108	72-134		2.63	30	
Dichlorodifluoromethane	8.03		"	10.0		80.3	44-144		2.58	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		1.40	30	
Hexachlorobutadiene	9.95		"	10.0		99.5	67-146		3.07	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		3.04	30	
Methyl tert-butyl ether (MTBE)	8.93		"	10.0		89.3	76-135		1.81	30	
Methylene chloride	9.34		"	10.0		93.4	55-137		0.537	30	
Naphthalene	10.3		"	10.0		103	70-147		3.46	30	
n-Butylbenzene	12.7		"	10.0		127	79-132		2.80	30	
n-Propylbenzene	11.5		"	10.0		115	78-133		3.08	30	
o-Xylene	10.7		"	10.0		107	78-130		0.376	30	
p- & m- Xylenes	23.0		"	20.0		115	77-133		0.611	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		3.27	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		3.89	30	
Styrene	11.3		"	10.0		113	67-132		0.976	30	
tert-Butylbenzene	10.1		"	10.0		101	77-138		3.20	30	
Tetrachloroethylene	9.99		"	10.0		99.9	82-131		46.7	30	Non-dir.
Toluene	10.7		"	10.0		107	80-127		0.373	30	
trans-1,2-Dichloroethylene	9.74		"	10.0		97.4	80-132		1.33	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		1.99	30	
Trichloroethylene	10.4		"	10.0		104	82-128		4.43	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		3.82	30	
Vinyl Chloride	8.94		"	10.0		89.4	58-145		1.35	30	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0109-01	WQ050216:1000FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0109-02	WQ050216:1000FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0109-03	WQ050216:1000FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16E0109-04	WQ050216:1000FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

---

*	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. 16E0109

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. 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 Sander	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSander@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 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 Discharge Permit	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)
WQ050216:1000 FRW-1	5-2-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 VOA
WQ050216:1005 FRW-2	↓	↓	↓	↓
WQ050216:1010 FRW-3	↓	↓	↓	↓
WQ050216:1015 FRW-4	↓	↓	↓	↓

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ✓ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	5/2/16 1800	LBG Fridge	5/2/16 1800
LBG Fridge (Evan)	5/4/16 1040	TC Patel	5/4/16 1148
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
Reed	5/4/16 11:40		

Temperature on Receipt 4.4 °C

(RW & FRW)

APPENDIX III

MAY 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: 05/23/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0791

Report Date: 05/23/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16E0791

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 May 19, 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
16E0791-01	AQ051716:1230NP4-1	Vapor Extraction	05/17/2016	05/19/2016
16E0791-02	AQ051716:1235NP4-2	Vapor Extraction	05/17/2016	05/19/2016
16E0791-03	AQ051716:1240NP4-3	Vapor Extraction	05/17/2016	05/19/2016

General Notes for York Project (SDG) No.: 16E0791

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

Approved By: 

Date: 05/23/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AQ051716:1230NP4-1 **York Sample ID:** 16E0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:30 pm	05/19/2016

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	0.69	0.69	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
78-93-3	**2-Butanone**	**3.4**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	05/20/2016 10:52	05/20/2016 15:20	LDS

Sample Information

Client Sample ID: AQ051716:1230NP4-1 **York Sample ID:** 16E0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:30 pm	05/19/2016

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**	**2.9**		ug/m³	0.41	0.41	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
67-64-1	**Acetone**	**10**		ug/m³	0.48	0.48	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854			
71-43-2	**Benzene**	**1.2**		ug/m³	0.32	0.32	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
67-66-3	**Chloroform**	**3.1**		ug/m³	0.49	0.49	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
74-87-3	**Chloromethane**	**1.4**		ug/m³	0.21	0.21	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	**Dichlorodifluoromethane**	**2.0**		ug/m³	0.49	0.49	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	0.43	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15	05/20/2016 10:52	05/20/2016 15:20	LDS
								Certifications: NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: AQ051716:1230NP4-1 **York Sample ID:** 16E0791-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:30 pm	05/19/2016

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	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
75-09-2	**Methylene chloride**	**1.0**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
142-82-5	n-Heptane	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
110-54-3	**n-Hexane**	**0.67**		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
95-47-6	o-Xylene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
179601-23-1	**p- & m- Xylenes**	**1.1**		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
115-07-1	*** Propylene**	**1.2**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
127-18-4	**Tetrachloroethylene**	**0.95**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 15:20	LDS
108-88-3	**Toluene**	**1.1**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.4**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 15:20	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-118*

Sample Information

Client Sample ID: AQ051716:1235NP4-2 **York Sample ID:** 16E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:35 pm	05/19/2016

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	0.69	0.69	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
71-55-6	**1,1,1-Trichloroethane**	**2.0**		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.92**		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
78-93-3	**2-Butanone**	**2.7**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
591-78-6	*** 2-Hexanone**	**1.9**		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	05/20/2016 10:52	05/20/2016 16:17	LDS

Sample Information

Client Sample ID: AQ051716:1235NP4-2 **York Sample ID:** 16E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:35 pm	05/19/2016

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	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
67-64-1	**Acetone**	**10**		ug/m³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854	05/20/2016 10:52	05/20/2016 16:17	LDS
71-43-2	**Benzene**	**0.64**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
56-23-5	**Carbon tetrachloride**	**0.69**		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
67-66-3	**Chloroform**	**0.73**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
74-87-3	**Chloromethane**	**1.0**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**2.9**		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS

Sample Information

Client Sample ID: AQ051716:1235NP4-2 **York Sample ID:** 16E0791-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:35 pm	05/19/2016

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	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.40**		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-09-2	Methylene chloride	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
142-82-5	n-Heptane	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
110-54-3	n-Hexane	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
95-47-6	o-Xylene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
115-07-1	*** Propylene**	**1.2**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
127-18-4	**Tetrachloroethylene**	**6.9**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 16:17	LDS
108-88-3	**Toluene**	**0.64**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 16:17	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*72-118*

Sample Information

Client Sample ID: AQ051716:1240NP4-3 **York Sample ID:** 16E0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:40 pm	05/19/2016

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	0.69	0.69	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
71-55-6	**1,1,1-Trichloroethane**	**5.0**		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**0.84**		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
78-93-3	**2-Butanone**	**0.56**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	05/20/2016 10:52	05/20/2016 17:13	LDS

Sample Information

Client Sample ID: AQ051716:1240NP4-3 **York Sample ID:** 16E0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:40 pm	05/19/2016

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	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
67-64-1	**Acetone**	**8.0**		ug/m³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854	05/20/2016 10:52	05/20/2016 17:13	LDS
71-43-2	**Benzene**	**0.61**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
56-23-5	**Carbon tetrachloride**	**0.94**		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
67-66-3	**Chloroform**	**1.1**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
74-87-3	**Chloromethane**	**0.91**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**3.7**		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS

Sample Information

Client Sample ID: AQ051716:1240NP4-3 **York Sample ID:** 16E0791-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16E0791	Rowe Industries	Vapor Extraction	May 17, 2016 12:40 pm	05/19/2016

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	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.0**		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-09-2	**Methylene chloride**	**0.80**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
142-82-5	n-Heptane	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
110-54-3	n-Hexane	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
95-47-6	o-Xylene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
115-07-1	*** Propylene**	**0.83**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
127-18-4	**Tetrachloroethylene**	**71**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	05/20/2016 10:52	05/20/2016 17:13	LDS
108-88-3	**Toluene**	**0.49**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.7**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/20/2016 10:52	05/20/2016 17:13	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*	*72-118*

Analytical Batch Summary

Batch ID: BE61049 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16E0791-01	AQ051716:1230NP4-1	05/20/16
16E0791-02	AQ051716:1235NP4-2	05/20/16
16E0791-03	AQ051716:1240NP4-3	05/20/16
BE61049-BLK1	Blank	05/20/16
BE61049-BS1	LCS	05/20/16

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 BE61049 - EPA TO15 PREP											
Blank (BE61049-BLK1)											
Prepared & Analyzed: 05/20/2016											
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 BE61049 - EPA TO15 PREP											
Blank (BE61049-BLK1)								Prepared & Analyzed: 05/20/2016			
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	*9.72*		*ppbv*	*10.0*		*97.2*	*72-118*				
LCS (BE61049-BS1)								Prepared & Analyzed: 05/20/2016			
1,1,1,2-Tetrachloroethane	11.6		ppbv	10.0		116	82-126				
1,1,1-Trichloroethane	11.7		"	10.0		117	70-130				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.3		"	10.0		113	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130				
1,1-Dichloroethane	11.2		"	10.0		112	70-130				
1,1-Dichloroethylene	11.4		"	10.0		114	70-130				
1,2,4-Trichlorobenzene	8.58		"	10.0		85.8	70-130				
1,2,4-Trimethylbenzene	12.1		"	10.0		121	70-130				
1,2-Dibromoethane	11.8		"	10.0		118	70-130				
1,2-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,2-Dichlorotetrafluoroethane	10.9		"	10.0		109	70-130				
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70-130				
1,3-Butadiene	10.7		"	10.0		107	70-130				
1,3-Dichlorobenzene	11.7		"	10.0		117	70-130				
1,3-Dichloropropane	11.1		"	10.0		111	70-130				
1,4-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,4-Dioxane	17.5		"	10.0		175	70-130	High Bias			
2-Butanone	11.3		"	10.0		113	70-130				
2-Hexanone	11.7		"	10.0		117	70-130				
3-Chloropropene	11.6		"	10.0		116	70-130				
4-Methyl-2-pentanone	14.2		"	10.0		142	70-130	High Bias			
Acetone	9.79		"	10.0		97.9	70-130				
Acrylonitrile	11.5		"	10.0		115	70-130				
Benzene	10.9		"	10.0		109	70-130				
Benzyl chloride	8.74		"	10.0		87.4	70-130				
Bromodichloromethane	11.6		"	10.0		116	70-130				
Bromoform	12.0		"	10.0		120	70-130				
Bromomethane	10.4		"	10.0		104	70-130				
Carbon disulfide	12.0		"	10.0		120	70-130				
Carbon tetrachloride	12.1		"	10.0		121	70-130				
Chlorobenzene	10.7		"	10.0		107	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 BE61049 - EPA TO15 PREP											
LCS (BE61049-BS1)								Prepared & Analyzed: 05/20/2016			
Chloroethane	11.7		ppbv	10.0		117	70-130				
Chloroform	11.0		"	10.0		110	70-130				
Chloromethane	10.2		"	10.0		102	70-130				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	70-130				
cis-1,3-Dichloropropylene	12.8		"	10.0		128	70-130				
Cyclohexane	11.9		"	10.0		119	70-130				
Dibromochloromethane	12.2		"	10.0		122	70-130				
Dichlorodifluoromethane	11.3		"	10.0		113	70-130				
Ethyl acetate	14.8		"	10.0		148	70-130	High Bias			
Ethyl Benzene	11.6		"	10.0		116	70-130				
Hexachlorobutadiene	11.9		"	10.0		119	70-130				
Isopropanol	10.4		"	10.0		104	70-130				
Methyl Methacrylate	12.2		"	10.0		122	70-130				
Methyl tert-butyl ether (MTBE)	12.3		"	10.0		123	70-130				
Methylene chloride	9.91		"	10.0		99.1	70-130				
n-Heptane	12.4		"	10.0		124	70-130				
n-Hexane	11.3		"	10.0		113	70-130				
o-Xylene	12.4		"	10.0		124	70-130				
p- & m- Xylenes	23.4		"	20.0		117	70-130				
p-Ethyltoluene	12.4		"	10.0		124	70-130				
Propylene	10.2		"	10.0		102	70-130				
Styrene	11.4		"	10.0		114	70-130				
Tetrachloroethylene	11.4		"	10.0		114	70-130				
Tetrahydrofuran	11.4		"	10.0		114	70-130				
Toluene	11.2		"	10.0		112	70-130				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130				
trans-1,3-Dichloropropylene	12.2		"	10.0		122	70-130				
Trichloroethylene	11.5		"	10.0		115	70-130				
Trichlorofluoromethane (Freon 11)	11.4		"	10.0		114	70-130				
Vinyl acetate	8.50		"	10.0		85.0	70-130				
Vinyl bromide	11.6		"	10.0		116	70-130				
Vinyl Chloride	11.5		"	10.0		115	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*72-118*				

Notes and Definitions

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

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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. 16E0791

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

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

Samples Collected/Authorized By (Signature)

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
AQ051716: 1230 MP4-1	5-17-16	AE			EPA TO-15 List.	6 Liter Summa canister__ Tedlar Bag 2
AQ051716: 1235 MP4-2	↓	AE			↓	6 Liter Summa canister__ Tedlar Bag 2
AQ051716: 1240 MP4-3	↓	AE			↓	6 Liter Summa canister__ Tedlar Bag 2
						6 Liter Summa canister__ Tedlar Bag__
						6 Liter Summa canister__ Tedlar Bag__
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Comments

Samples Relinquished By	5-17-16 1800 Date/Time	Samples Received By	LBG- Field Room 5-17-16 1800 Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	5/19/16 1517 Date/Time

Received 5/19/16 11:16