TABLE 2

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

Effluent Water Quality Results

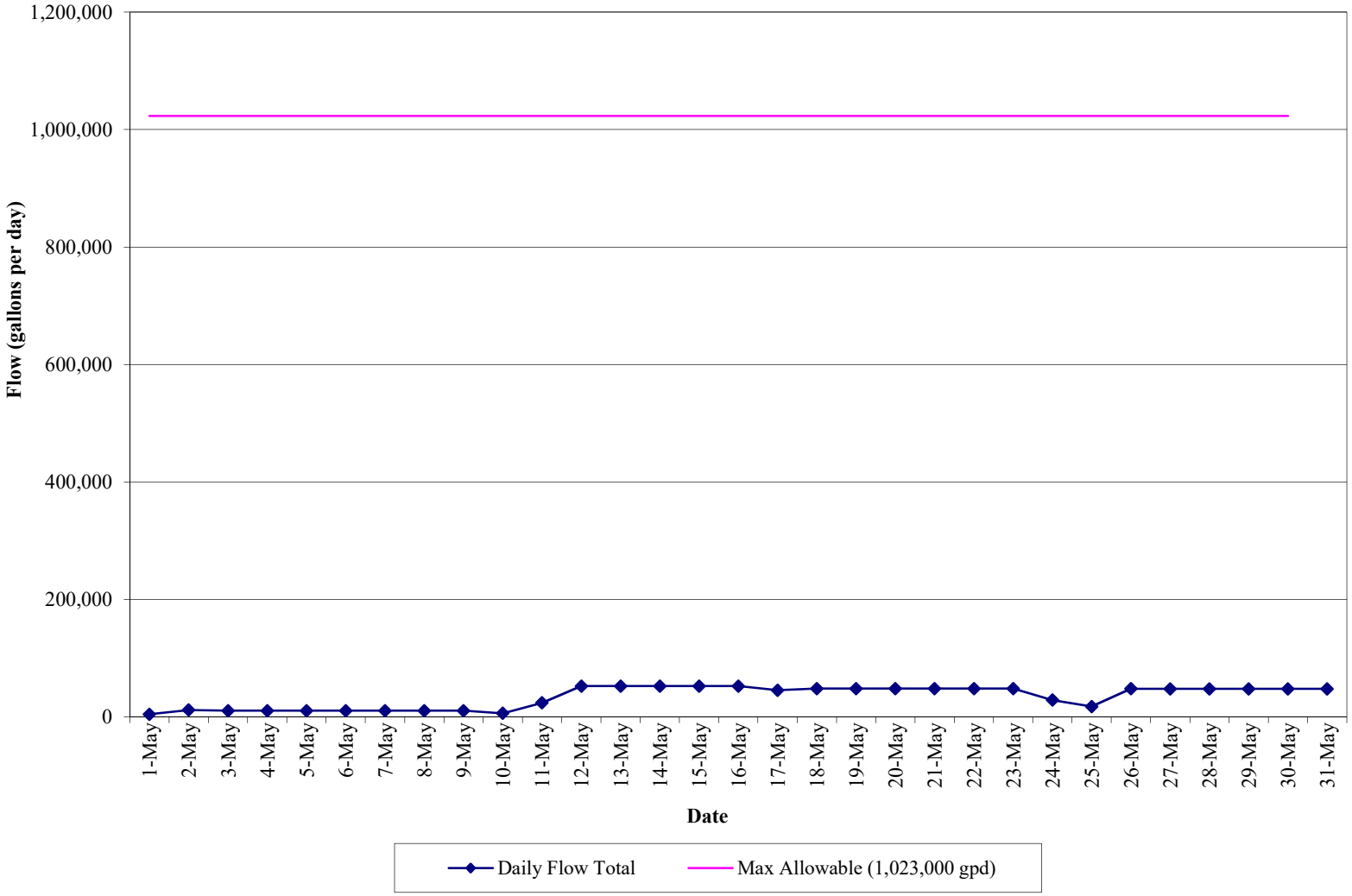
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**6.5 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
7-Jun-16	6.5	150	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	2.24	0.095
23-Jun-16	6.5	158	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	2.72	0.034
7-Jul-16 [3/]	6.6	NA	1.3	ND<0.5	0.35 J	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	2.35	ND<0.02
19-Jul-16	6.5	155	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.45	0.147
2-Aug-16	6.6	128	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.63	0.263
16-Aug-16	6.5	148	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	2.64	0.207
1-Sep-16	6.5	157	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.65	0.044
16-Sep-16	6.5	146	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	0.92	0.336
17-Oct-16 [4/]	6.5	141	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.27	0.455
1-Nov-16	6.5	224	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	3.50	0.100
1-Dec-16	6.5	191	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	2.17	0.042
3-Jan-17	6.5	123	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	2.24	0.030
1-Feb-17	6.5	120	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	2.17	0.051
1-Mar-17	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	0.69	0.063
7-Apr-17	6.5	157	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	3.62	0.060
3-May-17	6.5	121	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	0.90	0.079

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 May 6, 2016, the allowable pH range for the Rowe Site is between 6.5 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.
3. LBG suspects the PCE and TCE detections from the water sample collected from the effluent sample port (NP2-10) on July 7, 2016, were most likely caused by: a) reversing the sample label on the influent and effluent laboratory bottles; or b) a mis labeling of the results by the laboratory, because the "ND" (non-detect below the laboratory reporting limit) results for PCE and TCE are typically observed in the effluent water sample and low concentrations of these compounds are normally observed in the influent water sample. The reverse was true for the July 7, 2016 sampling event.
4. Starting in October 2016, FSP&T system samples will be collected monthly instead of once every two weeks.

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

Effluent Flow Data
(May 1, 2017 to May 31, 2017)



APPENDIX I

MAY 2017 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: 05/30/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0258

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/30/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0258

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 05, 2017 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
17E0258-01	WQ050317:1320 NP2-6	Water	05/03/2017	05/05/2017
17E0259-01	WQ050317:1325 NP2-10	Water	05/03/2017	05/05/2017

General Notes for York Project (SDG) No.: 17E0258

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/30/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ050317:1320 NP2-6 **York Sample ID:** 17E0258-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0258	Rowe Industries	Water	May 3, 2017 1:20 pm	05/05/2017

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	05/11/2017 07:16	05/11/2017 18:51	BK
71-55-6	**1,1,1-Trichloroethane**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	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: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK

Sample Information

Client Sample ID: WQ050317:1320 NP2-6 **York Sample ID:** 17E0258-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0258	Rowe Industries	Water	May 3, 2017 1:20 pm	05/05/2017

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
67-64-1	**Acetone**	**1.6**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
156-59-2	**cis-1,2-Dichloroethylene**	**0.50**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:51	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:51	BK

Sample Information

Client Sample ID: WQ050317:1320 NP2-6 **York Sample ID:** 17E0258-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0258	Rowe Industries	Water	May 3, 2017 1:20 pm	05/05/2017

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/11/2017 07:16	05/11/2017 18:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/11/2017 07:16	05/11/2017 18:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
127-18-4	**Tetrachloroethylene**	**34**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
79-01-6	**Trichloroethylene**	**0.90**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/11/2017 07:16	05/11/2017 18:51	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*79-122*

Sample Information

Client Sample ID: WQ050317:1325 NP2-10 **York Sample ID:** 17E0259-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0259	Rowe Industries	Water	May 3, 2017 1:25 pm	05/05/2017

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:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	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:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK

Sample Information

Client Sample ID: WQ050317:1325 NP2-10

York Sample ID: 17E0259-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0259	Rowe Industries	Water	May 3, 2017 1:25 pm	05/05/2017

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:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
67-64-1	**Acetone**	**2.5**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16	05/11/2017 18:24	BK CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ050317:1325 NP2-10 **York Sample ID:** 17E0259-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0259	Rowe Industries	Water	May 3, 2017 1:25 pm	05/05/2017

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:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854	05/11/2017 18:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/11/2017 07:16 NELAC-NY10854	05/11/2017 18:24	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NELAC-NY10854,NJDEP	05/11/2017 18:24	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	05/11/2017 07:16 CTDOH,NJDEP	05/11/2017 18:24	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*122 %*	*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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: WQ050317:1325 NP2-10 **York Sample ID:** 17E0259-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0259	Rowe Industries	Water	May 3, 2017 1:25 pm	05/05/2017

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 LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.901**		mg/L	0.0222	1	EPA 200.7	05/10/2017 12:30	05/10/2017 21:36	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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0788**		mg/L	0.0222	1	EPA 6010C	05/10/2017 12:24	05/10/2017 17:05	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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**121**		mg/L	10.0	1	SM 2540C	05/09/2017 14:19	05/09/2017 14:19	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BE70492 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17E0259-01	WQ050317:1325 NP2-10	05/09/17
BE70492-BLK1	Blank	05/09/17

Batch ID: BE70568 **Preparation Method:** EPA 3015A **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
17E0259-01	WQ050317:1325 NP2-10	05/10/17
BE70568-BLK1	Blank	05/10/17
BE70568-DUP1	Duplicate	05/10/17
BE70568-MS1	Matrix Spike	05/10/17
BE70568-SRM1	Reference	05/10/17

Batch ID: BE70570 **Preparation Method:** EPA 200.7 **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
17E0259-01	WQ050317:1325 NP2-10	05/10/17
BE70570-BLK1	Blank	05/10/17
BE70570-SRM1	Reference	05/10/17

Batch ID: BE70605 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0258-01	WQ050317:1320 NP2-6	05/11/17
17E0259-01	WQ050317:1325 NP2-10	05/11/17

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 BE70568 - EPA 3015A											
Blank (BE70568-BLK1)								Prepared & Analyzed: 05/10/2017			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE70568-DUP1)	*Source sample: 17E0259-01 (WQ050317:1325 NP2-10)							Prepared & Analyzed: 05/10/2017			
Iron - Dissolved	0.0479	0.0222	mg/L		0.0788				48.7	20	Non-dir.
Matrix Spike (BE70568-MS1)	*Source sample: 17E0259-01 (WQ050317:1325 NP2-10)							Prepared & Analyzed: 05/10/2017			
Iron - Dissolved	1.17	0.0222	mg/L	1.11	0.0788	98.0	75-125				
Reference (BE70568-SRM1)								Prepared & Analyzed: 05/10/2017			
Iron - Dissolved	0.679		ug/mL	0.759		89.4	84.9-115				
Batch BE70570 - EPA 200.7											
Blank (BE70570-BLK1)								Prepared & Analyzed: 05/10/2017			
Iron	ND	0.0200	mg/L								
Reference (BE70570-SRM1)								Prepared & Analyzed: 05/10/2017			
Iron	0.681		ug/mL	0.759		89.7	84.9-115				

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 BE70492 - % Solids Prep											
Blank (BE70492-BLK1)											Prepared & Analyzed: 05/09/2017
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17E0258-01	WQ050317:1320 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0259-01	WQ050317:1325 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
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.

Revision Description: Reissued to correct VOC sample results

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 17E0258

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) [X]

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	Part 360	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	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)
WQC503B17.1520 NP2-6	5 3 17	GW	[redacted] /VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3 voa
WQC503B17.1525 NP2-10	5-3-17	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs 8260 List (EPA SW846-8260A) plus freon 113 / TDS (SM 2540C)	3 voa, 3 plastic

Comments

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

Special Instructions
Field Filtered [ ]
Lab to Filter [ ]

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	5-4-17 800	LBG Inc Fridge	5-4-17 800
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Fuhrer	5/5/17 1608

Temperature on Receipt 3.8 °C

Rec'd 1A 5/5/17 16:11

(system)

YORK
ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record

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

York Project No. 17E0259

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

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

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

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

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

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

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

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	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)
WQ050317.1320 NP2-6	5-3-17	GW	[illegible] VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	3 VOA
WQ050317.1325 NP2-10	5-3-17	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: 5-4-17 800 Date/Time
Samples Relinquished By: Date/Time

Samples Received By: LBG Inc. Fridge 5-4-17 800
Samples Received in LAB by: 5/5/17 1608 Date/Time

Temperature on Receipt 3.8 °C

Rec'd 1A 5/5/17 14:11 (system)

APPENDIX II

MAY 2017 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: 05/15/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0263

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/15/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0263

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 05, 2017 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.

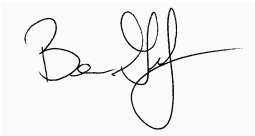
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
17E0263-01	WQ050317:1300 FRW-1	Water	05/03/2017	05/05/2017
17E0263-02	WQ050317:1305 FRW-2	Water	05/03/2017	05/05/2017
17E0263-03	WQ050317:1310 FRW-4	Water	05/03/2017	05/05/2017

General Notes for York Project (SDG) No.: 17E0263

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/15/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ050317:1300 FRW-1 **York Sample ID:** 17E0263-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:00 pm	05/05/2017

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:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
71-55-6	**1,1,1-Trichloroethane**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	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:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK

Sample Information

Client Sample ID: WQ050317:1300 FRW-1 **York Sample ID:** 17E0263-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:00 pm	05/05/2017

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
67-64-1	**Acetone**	**2.0**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
156-59-2	**cis-1,2-Dichloroethylene**	**2.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:05	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:05	BK

Sample Information

Client Sample ID: WQ050317:1300 FRW-1 **York Sample ID:** 17E0263-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:00 pm	05/05/2017

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/12/2017 07:15	05/12/2017 13:05	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/12/2017 07:15	05/12/2017 13:05	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
127-18-4	**Tetrachloroethylene**	**200**		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/15/2017 07:15	05/15/2017 13:12	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
79-01-6	**Trichloroethylene**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/12/2017 07:15	05/12/2017 13:05	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*		*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*		*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*144 %*	S-08	*79-122*

Sample Information

Client Sample ID: WQ050317:1305 FRW-2 **York Sample ID:** 17E0263-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:05 pm	05/05/2017

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	05/12/2017 07:15	05/12/2017 13:32	BK
71-55-6	**1,1,1-Trichloroethane**	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	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	05/12/2017 07:15	05/12/2017 13:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK

Sample Information

Client Sample ID: WQ050317:1305 FRW-2 **York Sample ID:** 17E0263-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:05 pm	05/05/2017

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	05/12/2017 07:15	05/12/2017 13:32	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
67-64-1	**Acetone**	**2.4**		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
156-59-2	**cis-1,2-Dichloroethylene**	**9.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 13:32	BK

Sample Information

Client Sample ID: WQ050317:1305 FRW-2 **York Sample ID:** 17E0263-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:05 pm	05/05/2017

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:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854	05/12/2017 13:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854	05/12/2017 13:32	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
127-18-4	**Tetrachloroethylene**	**68**		ug/L	2.0	5.0	10	EPA 8260C Certifications:	05/15/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/15/2017 13:40	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
79-01-6	**Trichloroethylene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 13:32	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NJDEP	05/12/2017 13:32	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.9 %*		*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*		*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*140 %*	S-08	*79-122*

Sample Information

Client Sample ID: WQ050317:1310 FRW-4 **York Sample ID:** 17E0263-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:10 pm	05/05/2017

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	05/12/2017 07:15	05/12/2017 14:00	BK
71-55-6	**1,1,1-Trichloroethane**	**0.42**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	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	05/12/2017 07:15	05/12/2017 14:00	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK

Sample Information

Client Sample ID: WQ050317:1310 FRW-4 **York Sample ID:** 17E0263-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:10 pm	05/05/2017

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	05/12/2017 07:15	05/12/2017 14:00	BK
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
67-64-1	**Acetone**	**2.1**		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
156-59-2	**cis-1,2-Dichloroethylene**	**15**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/12/2017 07:15	05/12/2017 14:00	BK

Sample Information

Client Sample ID: WQ050317:1310 FRW-4 **York Sample ID:** 17E0263-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0263	Rowe Industries	Water	May 3, 2017 1:10 pm	05/05/2017

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:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854	05/12/2017 14:00	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	05/12/2017 07:15 NELAC-NY10854	05/12/2017 14:00	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
127-18-4	**Tetrachloroethylene**	**40**		ug/L	1.0	2.5	5	EPA 8260C Certifications:	05/15/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/15/2017 14:07	BK
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
79-01-6	**Trichloroethylene**	**3.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/12/2017 14:00	BK
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	05/12/2017 07:15 CTDOH,NJDEP	05/12/2017 14:00	BK

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.6 %*		*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*		*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*142 %*	S-08	*79-122*

Analytical Batch Summary

Batch ID: BE70654 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0263-01	WQ050317:1300 FRW-1	05/12/17
17E0263-02	WQ050317:1305 FRW-2	05/12/17
17E0263-03	WQ050317:1310 FRW-4	05/12/17

Batch ID: BE70750 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0263-01RE1	WQ050317:1300 FRW-1	05/15/17
17E0263-02RE1	WQ050317:1305 FRW-2	05/15/17
17E0263-03RE1	WQ050317:1310 FRW-4	05/15/17
BE70750-BLK1	Blank	05/15/17
BE70750-BS1	LCS	05/15/17
BE70750-BSD1	LCS Dup	05/15/17

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 BE70750 - EPA 5030B											
Blank (BE70750-BLK1)											Prepared & Analyzed: 05/15/2017
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.7	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.44	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.3	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
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	"								

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 BE70750 - EPA 5030B

Blank (BE70750-BLK1) Prepared & Analyzed: 05/15/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
o-Xylene	ND	0.50	ug/L								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*69-130*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81-117*				
Surrogate: p-Bromofluorobenzene	*12.0*		*"*	*10.0*		*120*	*79-122*				

LCS (BE70750-BS1) Prepared & Analyzed: 05/15/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	8.96		ug/L	10.0		89.6	82-126				
1,1,1-Trichloroethane	9.16		"	10.0		91.6	78-136				
1,1,2,2-Tetrachloroethane	9.57		"	10.0		95.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.59		"	10.0		95.9	54-165				
1,1,2-Trichloroethane	9.13		"	10.0		91.3	82-123				
1,1-Dichloroethane	9.11		"	10.0		91.1	82-129				
1,1-Dichloroethylene	9.22		"	10.0		92.2	68-138				
1,1-Dichloropropylene	9.66		"	10.0		96.6	83-133				
1,2,3-Trichlorobenzene	7.07		"	10.0		70.7	76-136	Low Bias			
1,2,3-Trichloropropane	9.54		"	10.0		95.4	77-128				
1,2,4-Trichlorobenzene	6.21		"	10.0		62.1	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	82-132				
1,2-Dibromo-3-chloropropane	8.90		"	10.0		89.0	45-147				
1,2-Dibromoethane	9.13		"	10.0		91.3	83-124				
1,2-Dichlorobenzene	8.88		"	10.0		88.8	79-123				
1,2-Dichloroethane	9.58		"	10.0		95.8	73-132				
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126				
1,3,5-Trimethylbenzene	9.21		"	10.0		92.1	80-131				
1,3-Dichlorobenzene	9.12		"	10.0		91.2	86-122				
1,3-Dichloropropane	8.90		"	10.0		89.0	81-125				
1,4-Dichlorobenzene	9.10		"	10.0		91.0	85-124				
2,2-Dichloropropane	9.61		"	10.0		96.1	56-150				
2-Chlorotoluene	9.00		"	10.0		90.0	79-130				
2-Hexanone	8.82		"	10.0		88.2	51-146				
4-Chlorotoluene	9.00		"	10.0		90.0	79-128				
Acetone	4.74		"	10.0		47.4	14-150				
Benzene	9.55		"	10.0		95.5	85-126				
Bromobenzene	8.72		"	10.0		87.2	78-129				
Bromochloromethane	9.18		"	10.0		91.8	77-128				
Bromodichloromethane	9.25		"	10.0		92.5	79-128				
Bromoform	10.0		"	10.0		100	78-133				
Bromomethane	4.76		"	10.0		47.6	43-168				

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 BE70750 - EPA 5030B											
LCS (BE70750-BS1)								Prepared & Analyzed: 05/15/2017			
Carbon tetrachloride	9.16		ug/L	10.0		91.6	77-141				
Chlorobenzene	9.12		"	10.0		91.2	88-120				
Chloroethane	13.1		"	10.0		131	65-136				
Chloroform	9.08		"	10.0		90.8	82-128				
Chloromethane	3.71		"	10.0		37.1	43-155	Low Bias			
cis-1,2-Dichloroethylene	9.35		"	10.0		93.5	83-129				
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	80-131				
Dibromochloromethane	9.16		"	10.0		91.6	80-130				
Dibromomethane	9.20		"	10.0		92.0	72-134				
Dichlorodifluoromethane	10.2		"	10.0		102	44-144				
Ethyl Benzene	9.29		"	10.0		92.9	80-131				
Hexachlorobutadiene	5.07		"	10.0		50.7	67-146	Low Bias			
Isopropylbenzene	9.67		"	10.0		96.7	76-140				
Methyl tert-butyl ether (MTBE)	8.88		"	10.0		88.8	76-135				
Methylene chloride	8.00		"	10.0		80.0	55-137				
Naphthalene	6.88		"	10.0		68.8	70-147	Low Bias			
n-Butylbenzene	8.57		"	10.0		85.7	79-132				
n-Propylbenzene	9.62		"	10.0		96.2	78-133				
o-Xylene	8.98		"	10.0		89.8	78-130				
p- & m- Xylenes	17.7		"	20.0		88.6	77-133				
p-Isopropyltoluene	9.04		"	10.0		90.4	81-136				
sec-Butylbenzene	9.26		"	10.0		92.6	79-137				
Styrene	9.03		"	10.0		90.3	67-132				
tert-Butylbenzene	9.15		"	10.0		91.5	77-138				
Tetrachloroethylene	9.33		"	10.0		93.3	82-131				
Toluene	9.17		"	10.0		91.7	80-127				
trans-1,2-Dichloroethylene	8.99		"	10.0		89.9	80-132				
trans-1,3-Dichloropropylene	9.05		"	10.0		90.5	78-131				
Trichloroethylene	8.58		"	10.0		85.8	82-128				
Trichlorofluoromethane	12.0		"	10.0		120	67-139				
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.99*		*"*	*10.0*		*99.9*	*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 BE70750 - EPA 5030B

LCS Dup (BE70750-BSD1) Prepared & Analyzed: 05/15/2017

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.54		ug/L	10.0		95.4	82-126		6.27	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		8.97	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		6.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		7.62	30	
1,1,2-Trichloroethane	9.72		"	10.0		97.2	82-123		6.26	30	
1,1-Dichloroethane	9.65		"	10.0		96.5	82-129		5.76	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		11.5	30	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		5.34	30	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	76-136		39.4	30	Non-dir.
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128		6.78	30	
1,2,4-Trichlorobenzene	8.49		"	10.0		84.9	76-137		31.0	30	Non-dir.
1,2,4-Trimethylbenzene	9.39		"	10.0		93.9	82-132		1.39	30	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	45-147		15.7	30	
1,2-Dibromoethane	9.94		"	10.0		99.4	83-124		8.50	30	
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123		5.26	30	
1,2-Dichloroethane	10.3		"	10.0		103	73-132		7.44	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		9.78	30	
1,3,5-Trimethylbenzene	9.32		"	10.0		93.2	80-131		1.19	30	
1,3-Dichlorobenzene	9.42		"	10.0		94.2	86-122		3.24	30	
1,3-Dichloropropane	9.66		"	10.0		96.6	81-125		8.19	30	
1,4-Dichlorobenzene	9.35		"	10.0		93.5	85-124		2.71	30	
2,2-Dichloropropane	9.87		"	10.0		98.7	56-150		2.67	30	
2-Chlorotoluene	9.16		"	10.0		91.6	79-130		1.76	30	
2-Hexanone	10.1		"	10.0		101	51-146		13.1	30	
4-Chlorotoluene	9.16		"	10.0		91.6	79-128		1.76	30	
Acetone	8.11		"	10.0		81.1	14-150		52.5	30	Non-dir.
Benzene	9.79		"	10.0		97.9	85-126		2.48	30	
Bromobenzene	8.93		"	10.0		89.3	78-129		2.38	30	
Bromochloromethane	9.35		"	10.0		93.5	77-128		1.83	30	
Bromodichloromethane	9.80		"	10.0		98.0	79-128		5.77	30	
Bromoform	10.3		"	10.0		103	78-133		2.47	30	
Bromomethane	5.00		"	10.0		50.0	43-168		4.92	30	
Carbon tetrachloride	9.71		"	10.0		97.1	77-141		5.83	30	
Chlorobenzene	9.54		"	10.0		95.4	88-120		4.50	30	
Chloroethane	13.1		"	10.0		131	65-136		0.0765	30	
Chloroform	9.87		"	10.0		98.7	82-128		8.34	30	
Chloromethane	4.81		"	10.0		48.1	43-155		25.8	30	
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	83-129		3.26	30	
cis-1,3-Dichloropropylene	9.69		"	10.0		96.9	80-131		6.39	30	
Dibromochloromethane	10.1		"	10.0		101	80-130		9.37	30	
Dibromomethane	9.72		"	10.0		97.2	72-134		5.50	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		1.07	30	
Ethyl Benzene	9.99		"	10.0		99.9	80-131		7.26	30	
Hexachlorobutadiene	6.33		"	10.0		63.3	67-146	Low Bias	22.1	30	
Isopropylbenzene	9.86		"	10.0		98.6	76-140		1.95	30	
Methyl tert-butyl ether (MTBE)	9.28		"	10.0		92.8	76-135		4.41	30	
Methylene chloride	8.57		"	10.0		85.7	55-137		6.88	30	
Naphthalene	9.27		"	10.0		92.7	70-147		29.6	30	
n-Butylbenzene	8.68		"	10.0		86.8	79-132		1.28	30	
n-Propylbenzene	9.79		"	10.0		97.9	78-133		1.75	30	
o-Xylene	9.46		"	10.0		94.6	78-130		5.21	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE70750 - EPA 5030B											
LCS Dup (BE70750-BSD1)								Prepared & Analyzed: 05/15/2017			
p- & m- Xylenes	19.0		ug/L	20.0		94.8	77-133		6.81	30	
p-Isopropyltoluene	9.21		"	10.0		92.1	81-136		1.86	30	
sec-Butylbenzene	9.05		"	10.0		90.5	79-137		2.29	30	
Styrene	9.54		"	10.0		95.4	67-132		5.49	30	
tert-Butylbenzene	9.07		"	10.0		90.7	77-138		0.878	30	
Tetrachloroethylene	9.55		"	10.0		95.5	82-131		2.33	30	
Toluene	9.72		"	10.0		97.2	80-127		5.82	30	
trans-1,2-Dichloroethylene	9.42		"	10.0		94.2	80-132		4.67	30	
trans-1,3-Dichloropropylene	9.87		"	10.0		98.7	78-131		8.67	30	
Trichloroethylene	9.28		"	10.0		92.8	82-128		7.84	30	
Trichlorofluoromethane	12.1		"	10.0		121	67-139		0.747	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		7.48	30	
Surrogate: 1,2-Dichloroethane-d4	*9.80*		*"*	*10.0*		*98.0*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17E0263-01	WQ050317:1300 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0263-02	WQ050317:1305 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0263-03	WQ050317:1310 FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
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.

---

*	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. 17E0263

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 ___	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	Part 360-Expanded No Dilution Forms	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full Cat.	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)
WQ050317:1300 FRW-1	5-3-17	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 VOA
WQ050317:1305 FRW-2	↓	↓	↓	3 VOA
WQ050317:1310 FRW-4				3 VOA

Comments

Preservation Check those Applicable: 4°C X 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
	5-4-17 800	LBG Fridge	5-4-17 800
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC	5/5/17 1608

Temperature on Receipt 3.8 °C

Rec'd 5/5/17 14:11

(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: 05/22/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0621

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/22/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17E0621

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 15, 2017 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
17E0621-01	GWQ051117:1300 NP1-1-2	Water	05/11/2017	05/15/2017
17E0621-02	GWQ051117:1310 FRW-3	Water	05/11/2017	05/15/2017

General Notes for York Project (SDG) No.: 17E0621

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.
9. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/22/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWQ051117:1300 NP1-1-2 **York Sample ID:** 17E0621-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	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:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS

Sample Information

Client Sample ID: GWQ051117:1300 NP1-1-2 **York Sample ID:** 17E0621-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
67-64-1	**Acetone**	**1.4**	SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 17:59	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 17:59	SS

Sample Information

Client Sample ID: GWQ051117:1300 NP1-1-2 **York Sample ID:** 17E0621-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/19/2017 07:15	05/19/2017 17:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/19/2017 07:15	05/19/2017 17:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
127-18-4	**Tetrachloroethylene**	**0.54**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
79-01-6	**Trichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/19/2017 07:15	05/19/2017 17:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: GWQ051117:1310 FRW-3 **York Sample ID:** 17E0621-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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	05/19/2017 07:15	05/19/2017 18:25	SS
71-55-6	**1,1,1-Trichloroethane**	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	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	05/19/2017 07:15	05/19/2017 18:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS

Sample Information

Client Sample ID: GWQ051117:1310 FRW-3 **York Sample ID:** 17E0621-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
156-59-2	**cis-1,2-Dichloroethylene**	**8.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
98-82-8	**Isopropylbenzene**	**0.35**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	05/19/2017 07:15 CTDOH,NELAC-NY10854,NJDEP	05/19/2017 18:25	SS

Sample Information

Client Sample ID: GWQ051117:1310 FRW-3 **York Sample ID:** 17E0621-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17E0621	Rowe Industries	Water	May 11, 2017 1:00 pm	05/15/2017

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	05/19/2017 07:15	05/19/2017 18:25	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
103-65-1	**n-Propylbenzene**	**0.30**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	05/19/2017 07:15	05/19/2017 18:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	05/19/2017 07:15	05/19/2017 18:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
127-18-4	**Tetrachloroethylene**	**130**		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/22/2017 13:02	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
79-01-6	**Trichloroethylene**	**5.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
75-01-4	**Vinyl Chloride**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	05/19/2017 07:15	05/19/2017 18:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*79-122*

Analytical Batch Summary

Batch ID: BE71015 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0621-01	GWQ051117:1300 NP1-1-2	05/19/17
17E0621-02	GWQ051117:1310 FRW-3	05/19/17
BE71015-BLK1	Blank	05/19/17
BE71015-BS1	LCS	05/19/17
BE71015-BSD1	LCS Dup	05/19/17

Batch ID: BE71075 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17E0621-02RE1	GWQ051117:1310 FRW-3	05/19/17
BE71075-BLK1	Blank	05/22/17
BE71075-BS1	LCS	05/22/17
BE71075-BSD1	LCS Dup	05/22/17

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 BE71015 - EPA 5030B											
Blank (BE71015-BLK1)											Prepared & Analyzed: 05/19/2017
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.5	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.25	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	"								

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 BE71015 - EPA 5030B											
Blank (BE71015-BLK1)								Prepared & Analyzed: 05/19/2017			
o-Xylene	ND	0.50	ug/L								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*69-130*				
Surrogate: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*79-122*				
LCS (BE71015-BS1)								Prepared & Analyzed: 05/19/2017			
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	11.4		"	10.0		114	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.2		"	10.0		112	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	17.6		"	10.0		176	76-136	High Bias			
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	13.0		"	10.0		130	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	12.6		"	10.0		126	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.7		"	10.0		107	79-123				
1,2-Dichloroethane	9.49		"	10.0		94.9	73-132				
1,2-Dichloropropane	11.5		"	10.0		115	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	11.0		"	10.0		110	81-125				
1,4-Dichlorobenzene	10.7		"	10.0		107	85-124				
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	11.0		"	10.0		110	79-130				
2-Hexanone	10.7		"	10.0		107	51-146				
4-Chlorotoluene	11.2		"	10.0		112	79-128				
Acetone	9.37		"	10.0		93.7	14-150				
Benzene	10.6		"	10.0		106	85-126				
Bromobenzene	10.8		"	10.0		108	78-129				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	9.86		"	10.0		98.6	78-133				
Bromomethane	2.72		"	10.0		27.2	43-168	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE71015 - EPA 5030B											
LCS (BE71015-BS1)								Prepared & Analyzed: 05/19/2017			
Carbon tetrachloride	10.4		ug/L	10.0		104	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroethane	9.40		"	10.0		94.0	65-136				
Chloroform	10.2		"	10.0		102	82-128				
Chloromethane	6.60		"	10.0		66.0	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	11.2		"	10.0		112	80-131				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	12.3		"	10.0		123	44-144				
Ethyl Benzene	11.0		"	10.0		110	80-131				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				
Isopropylbenzene	11.6		"	10.0		116	76-140				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylene chloride	9.87		"	10.0		98.7	55-137				
Naphthalene	15.6		"	10.0		156	70-147	High Bias			
n-Butylbenzene	11.6		"	10.0		116	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	22.1		"	20.0		111	77-133				
p-Isopropyltoluene	11.6		"	10.0		116	81-136				
sec-Butylbenzene	11.8		"	10.0		118	79-137				
Styrene	10.5		"	10.0		105	67-132				
tert-Butylbenzene	11.6		"	10.0		116	77-138				
Tetrachloroethylene	10.8		"	10.0		108	82-131				
Toluene	11.1		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	78-131				
Trichloroethylene	11.0		"	10.0		110	82-128				
Trichlorofluoromethane	8.88		"	10.0		88.8	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.26*		*"*	*10.0*		*92.6*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*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 BE71015 - EPA 5030B											
LCS Dup (BE71015-BSD1)								Prepared & Analyzed: 05/19/2017			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		1.35	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		3.88	30	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	76-129		0.276	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	54-165		2.73	30	
1,1,2-Trichloroethane	11.6		"	10.0		116	82-123		1.66	30	
1,1-Dichloroethane	10.9		"	10.0		109	82-129		1.85	30	
1,1-Dichloroethylene	11.5		"	10.0		115	68-138		2.20	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		3.15	30	
1,2,3-Trichlorobenzene	27.3		"	10.0		273	76-136	High Bias	43.1	30	Non-dir.
1,2,3-Trichloropropane	10.3		"	10.0		103	77-128		0.962	30	
1,2,4-Trichlorobenzene	16.5		"	10.0		165	76-137	High Bias	23.6	30	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132		2.17	30	
1,2-Dibromo-3-chloropropane	14.2		"	10.0		142	45-147		12.1	30	
1,2-Dibromoethane	10.9		"	10.0		109	83-124		3.36	30	
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123		0.839	30	
1,2-Dichloroethane	9.97		"	10.0		99.7	73-132		4.93	30	
1,2-Dichloropropane	11.5		"	10.0		115	78-126		0.174	30	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		3.46	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		2.33	30	
1,3-Dichloropropane	11.0		"	10.0		110	81-125		0.454	30	
1,4-Dichlorobenzene	10.8		"	10.0		108	85-124		0.840	30	
2,2-Dichloropropane	11.2		"	10.0		112	56-150		2.26	30	
2-Chlorotoluene	10.6		"	10.0		106	79-130		3.43	30	
2-Hexanone	11.4		"	10.0		114	51-146		6.79	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		4.75	30	
Acetone	8.13		"	10.0		81.3	14-150		14.2	30	
Benzene	10.8		"	10.0		108	85-126		1.68	30	
Bromobenzene	10.5		"	10.0		105	78-129		2.63	30	
Bromochloromethane	10.9		"	10.0		109	77-128		0.731	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		1.55	30	
Bromoform	10.5		"	10.0		105	78-133		5.91	30	
Bromomethane	3.10		"	10.0		31.0	43-168	Low Bias	13.1	30	
Carbon tetrachloride	10.9		"	10.0		109	77-141		4.59	30	
Chlorobenzene	10.7		"	10.0		107	88-120		0.841	30	
Chloroethane	9.59		"	10.0		95.9	65-136		2.00	30	
Chloroform	10.5		"	10.0		105	82-128		3.01	30	
Chloromethane	6.82		"	10.0		68.2	43-155		3.28	30	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129		1.31	30	
cis-1,3-Dichloropropylene	11.3		"	10.0		113	80-131		0.532	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		4.24	30	
Dibromomethane	10.8		"	10.0		108	72-134		3.77	30	
Dichlorodifluoromethane	12.7		"	10.0		127	44-144		2.96	30	
Ethyl Benzene	11.1		"	10.0		111	80-131		0.633	30	
Hexachlorobutadiene	12.8		"	10.0		128	67-146		17.8	30	
Isopropylbenzene	11.4		"	10.0		114	76-140		2.44	30	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135		3.96	30	
Methylene chloride	9.96		"	10.0		99.6	55-137		0.908	30	
Naphthalene	22.5		"	10.0		225	70-147	High Bias	36.3	30	Non-dir.
n-Butylbenzene	11.5		"	10.0		115	79-132		0.780	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		2.71	30	
o-Xylene	10.9		"	10.0		109	78-130		0.738	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 BE71015 - EPA 5030B											
LCS Dup (BE71015-BSD1)								Prepared & Analyzed: 05/19/2017			
p- & m- Xylenes	22.4		ug/L	20.0		112	77-133		1.17	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		1.82	30	
sec-Butylbenzene	11.6		"	10.0		116	79-137		2.31	30	
Styrene	10.7		"	10.0		107	67-132		1.69	30	
tert-Butylbenzene	11.2		"	10.0		112	77-138		3.43	30	
Tetrachloroethylene	10.9		"	10.0		109	82-131		1.39	30	
Toluene	11.2		"	10.0		112	80-127		0.626	30	
trans-1,2-Dichloroethylene	11.1		"	10.0		111	80-132		2.10	30	
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131		0.808	30	
Trichloroethylene	11.2		"	10.0		112	82-128		1.80	30	
Trichlorofluoromethane	9.25		"	10.0		92.5	67-139		4.08	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		2.35	30	
Surrogate: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*69-130*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				
Batch BE71075 - EPA 5030B											
Blank (BE71075-BLK1)								Prepared & Analyzed: 05/22/2017			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	1.3	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.33	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	"								

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 BE71075 - EPA 5030B											
Blank (BE71075-BLK1)											
Prepared & Analyzed: 05/22/2017											
Carbon tetrachloride	ND	0.50	ug/L								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.40	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.68*		"	*10.0*		*96.8*	*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 BE71075 - EPA 5030B											
LCS (BE71075-BS1)								Prepared & Analyzed: 05/22/2017			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	9.63		"	10.0		96.3	78-136				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	11.3		"	10.0		113	82-123				
1,1-Dichloroethane	9.93		"	10.0		99.3	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,1-Dichloropropylene	10.0		"	10.0		100	83-133				
1,2,3-Trichlorobenzene	18.4		"	10.0		184	76-136	High Bias			
1,2,3-Trichloropropane	10.8		"	10.0		108	77-128				
1,2,4-Trichlorobenzene	13.3		"	10.0		133	76-137				
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132				
1,2-Dibromo-3-chloropropane	12.8		"	10.0		128	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	11.0		"	10.0		110	79-123				
1,2-Dichloroethane	8.99		"	10.0		89.9	73-132				
1,2-Dichloropropane	11.2		"	10.0		112	78-126				
1,3,5-Trimethylbenzene	11.9		"	10.0		119	80-131				
1,3-Dichlorobenzene	11.2		"	10.0		112	86-122				
1,3-Dichloropropane	10.7		"	10.0		107	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	9.84		"	10.0		98.4	56-150				
2-Chlorotoluene	11.4		"	10.0		114	79-130				
2-Hexanone	10.8		"	10.0		108	51-146				
4-Chlorotoluene	11.6		"	10.0		116	79-128				
Acetone	7.60		"	10.0		76.0	14-150				
Benzene	9.80		"	10.0		98.0	85-126				
Bromobenzene	11.1		"	10.0		111	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.5		"	10.0		105	78-133				
Bromomethane	3.12		"	10.0		31.2	43-168	Low Bias			
Carbon tetrachloride	9.82		"	10.0		98.2	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	8.61		"	10.0		86.1	65-136				
Chloroform	9.56		"	10.0		95.6	82-128				
Chloromethane	6.71		"	10.0		67.1	43-155				
cis-1,2-Dichloroethylene	9.90		"	10.0		99.0	83-129				
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131				
Dibromochloromethane	10.6		"	10.0		106	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	10.8		"	10.0		108	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	12.2		"	10.0		122	76-140				
Methyl tert-butyl ether (MTBE)	9.87		"	10.0		98.7	76-135				
Methylene chloride	9.10		"	10.0		91.0	55-137				
Naphthalene	16.2		"	10.0		162	70-147	High Bias			
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.1		"	10.0		121	78-133				
o-Xylene	10.7		"	10.0		107	78-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE71075 - EPA 5030B											
LCS (BE71075-BS1)								Prepared & Analyzed: 05/22/2017			
p- & m- Xylenes	22.0		ug/L	20.0		110	77-133				
p-Isopropyltoluene	11.9		"	10.0		119	81-136				
sec-Butylbenzene	12.2		"	10.0		122	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butylbenzene	12.0		"	10.0		120	77-138				
Tetrachloroethylene	10.8		"	10.0		108	82-131				
Toluene	10.9		"	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	8.27		"	10.0		82.7	67-139				
Vinyl Chloride	9.83		"	10.0		98.3	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.20*		*"*	*10.0*		*92.0*	*69-130*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS Dup (BE71075-BSD1)								Prepared & Analyzed: 05/22/2017			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		1.81	30	
1,1,1-Trichloroethane	9.92		"	10.0		99.2	78-136		2.97	30	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129		0.882	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		1.46	30	
1,1,2-Trichloroethane	11.5		"	10.0		115	82-123		1.32	30	
1,1-Dichloroethane	9.99		"	10.0		99.9	82-129		0.602	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		2.45	30	
1,1-Dichloropropylene	10.2		"	10.0		102	83-133		1.68	30	
1,2,3-Trichlorobenzene	23.0		"	10.0		230	76-136	High Bias	22.3	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		2.15	30	
1,2,4-Trichlorobenzene	15.3		"	10.0		153	76-137	High Bias	13.7	30	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	82-132		0.431	30	
1,2-Dibromo-3-chloropropane	13.6		"	10.0		136	45-147		6.20	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		0.380	30	
1,2-Dichlorobenzene	10.9		"	10.0		109	79-123		0.731	30	
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132		1.55	30	
1,2-Dichloropropane	11.1		"	10.0		111	78-126		0.896	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		1.79	30	
1,3-Dichlorobenzene	10.9		"	10.0		109	86-122		2.26	30	
1,3-Dichloropropane	10.9		"	10.0		109	81-125		1.66	30	
1,4-Dichlorobenzene	11.0		"	10.0		110	85-124		0.993	30	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		2.81	30	
2-Chlorotoluene	11.1		"	10.0		111	79-130		2.75	30	
2-Hexanone	11.1		"	10.0		111	51-146		2.29	30	
4-Chlorotoluene	11.4		"	10.0		114	79-128		2.09	30	
Acetone	8.02		"	10.0		80.2	14-150		5.38	30	
Benzene	10.0		"	10.0		100	85-126		2.12	30	
Bromobenzene	11.0		"	10.0		110	78-129		0.812	30	
Bromochloromethane	10.3		"	10.0		103	77-128		0.291	30	
Bromodichloromethane	10.8		"	10.0		108	79-128		2.63	30	
Bromoform	10.6		"	10.0		106	78-133		1.33	30	
Bromomethane	3.36		"	10.0		33.6	43-168	Low Bias	7.41	30	
Carbon tetrachloride	9.94		"	10.0		99.4	77-141		1.21	30	
Chlorobenzene	10.7		"	10.0		107	88-120		2.09	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 BE71075 - EPA 5030B											
LCS Dup (BE71075-BSD1)								Prepared & Analyzed: 05/22/2017			
Chloroethane	8.63		ug/L	10.0		86.3	65-136		0.232	30	
Chloroform	9.73		"	10.0		97.3	82-128		1.76	30	
Chloromethane	6.87		"	10.0		68.7	43-155		2.36	30	
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	83-129		0.705	30	
cis-1,3-Dichloropropylene	11.1		"	10.0		111	80-131		0.180	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		1.21	30	
Dibromomethane	10.6		"	10.0		106	72-134		1.72	30	
Dichlorodifluoromethane	11.0		"	10.0		110	44-144		2.57	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		0.923	30	
Hexachlorobutadiene	12.3		"	10.0		123	67-146		12.3	30	
Isopropylbenzene	11.9		"	10.0		119	76-140		2.25	30	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135		2.50	30	
Methylene chloride	9.33		"	10.0		93.3	55-137		2.50	30	
Naphthalene	19.9		"	10.0		199	70-147	High Bias	20.5	30	
n-Butylbenzene	11.7		"	10.0		117	79-132		0.853	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		3.02	30	
o-Xylene	10.8		"	10.0		108	78-130		0.838	30	
p- & m- Xylenes	22.2		"	20.0		111	77-133		0.906	30	
p-Isopropyltoluene	11.8		"	10.0		118	81-136		1.52	30	
sec-Butylbenzene	12.1		"	10.0		121	79-137		0.990	30	
Styrene	10.7		"	10.0		107	67-132		0.658	30	
tert-Butylbenzene	11.9		"	10.0		119	77-138		0.835	30	
Tetrachloroethylene	10.8		"	10.0		108	82-131		0.0928	30	
Toluene	11.0		"	10.0		110	80-127		0.641	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		0.896	30	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	78-131		2.46	30	
Trichloroethylene	10.8		"	10.0		108	82-128		2.06	30	
Trichlorofluoromethane	8.49		"	10.0		84.9	67-139		2.63	30	
Vinyl Chloride	9.88		"	10.0		98.8	58-145		0.507	30	
Surrogate: 1,2-Dichloroethane-d4	*9.34*		*"*	*10.0*		*93.4*	*69-130*				
Surrogate: Toluene-d8	*10.6*		*"*	*10.0*		*106*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17E0621-01	GWQ051117:1300 NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17E0621-02	GWQ051117:1310 FRW-3	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%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.

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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. 17E0621

YOUR Information

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

Report To:

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

Invoice To:

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

YOUR Project ID

Rowe Industries.

Purchase Order No.

NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time

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

Report Type

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

Electronic Data Deliverables (EDD)

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

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

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWB051117:1300 NPI-1-2	5-11-17	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3x40
GWQ051117: 1310 FRW-3	"		"	3x40

Comments

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

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 5/12/17 P00
Samples Relinquished By — Date/Time:

Samples Received By: LBG-Erdge — Date/Time: 5/12/17 P00
Samples Received in LAB by: TC Fuller 5/15/17 — Date/Time: 1535

Temperature on Receipt: 2.5 °C

Rec'd At 5/15/17 14:26

(RW & FRW)

APPENDIX III

CALCULATION TO ESTIMATE MASS OF PCE DISCHARGED FROM THE RELEASE ON MAY 17, 2017

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

Estimated Mass of PCE Discharged during Leak Documented on May 17, 2017

Date and Time of Last System Spot Check Before the Leak is Detected	Date and Time Leak (and FP&T system) stopped	Max. Time Elapsed (days)	Estimated Avg. Flow Rate for FRW-3 (gpm)[1/]	Estimated Max. Volume of Water Discharged (gal.)	PCE Conc. In FRW-3 on 5/11/17 (ug/L)	Estimated Max. Mass of PCE that may have been discharged (g) [2/]
5/15/17 3:00 PM	5/17/17 10:00 AM	1.8	0.5	1,342	130	0.7

Notes:

1. The pump in FRW-3 cycles; therefore, the average flow rate was calculated by recording six manual measurements of pump cycling (i.e. measuring the time the pump is on and off) and the volume of water pumped during each cycle. Three manual measurements were recorded on March 1, 2017 and three manual measurement were recorded on June 1, 2017. The average of the six manual measurements was used in the "Estimated Avg. Flow Rate for FRW-3" column.
2. Pursuant to 6 CRR-NY 597.3 (List of Hazrdous Substances), the reportable quantity (RQ) for tetrachloroethylene (PCE) released on land or water is one pound (453.6 g); therefore, the estimated amount of PCE discharged during this event is considered de-minimus. In addition, the estimated mass of PCE calculated was based on a worst-case scenario.