TABLE 2

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

Effluent Water Quality Results

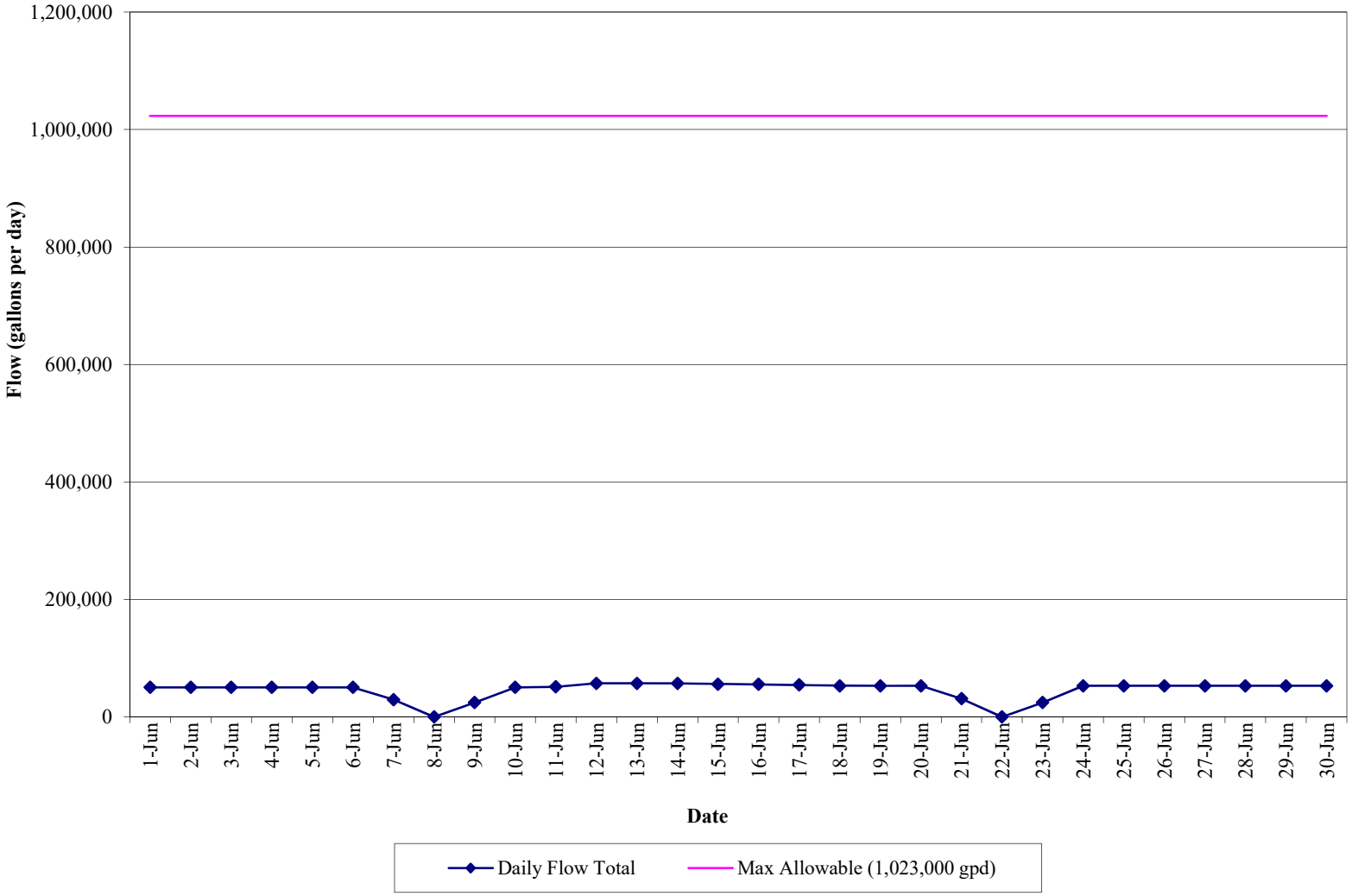
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**6.5 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
7-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
1-Jun-17	6.5	127	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	0.10	0.097

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
(June 1, 2017 to June 30, 2017)



APPENDIX I
JUNE 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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0129

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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0129

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 June 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
17F0129-01	WQ060117:1300NP2-16	Water	06/01/2017	06/05/2017
17F0131-01	WQ060117:1305 NP2-10	Water	06/01/2017	06/05/2017

General Notes for York Project (SDG) No.: 17F0129

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: 06/12/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ060117:1300NP2-16 **York Sample ID:** 17F0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0129	Rowe Industries	Water	June 1, 2017 1:00 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS

Sample Information

Client Sample ID: WQ060117:1300NP2-16 **York Sample ID:** 17F0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0129	Rowe Industries	Water	June 1, 2017 1:00 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.91**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:01	SS

Sample Information

Client Sample ID: WQ060117:1300NP2-16 **York Sample ID:** 17F0129-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0129	Rowe Industries	Water	June 1, 2017 1:00 pm	06/05/2017

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	06/11/2017 09:30	06/11/2017 16:01	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 16:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 16:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
127-18-4	**Tetrachloroethylene**	**6.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
79-01-6	**Trichloroethylene**	**0.64**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/11/2017 09:30	06/11/2017 16:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: WQ060117:1305 NP2-10 **York Sample ID:** 17F0131-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0131	Rowe Industries	Water	June 1, 2017 1:05 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS

Sample Information

Client Sample ID: WQ060117:1305 NP2-10 **York Sample ID:** 17F0131-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0131	Rowe Industries	Water	June 1, 2017 1:05 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS

Sample Information

Client Sample ID: WQ060117:1305 NP2-10 **York Sample ID:** 17F0131-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0131	Rowe Industries	Water	June 1, 2017 1:05 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854	06/11/2017 16:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854	06/11/2017 16:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:27	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NJDEP	06/11/2017 16:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*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: WQ060117:1305 NP2-10 **York Sample ID:** 17F0131-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0131	Rowe Industries	Water	June 1, 2017 1:05 pm	06/05/2017

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**	**0.0967**		mg/L	0.0222	1	EPA 200.7	06/09/2017 09:17	06/08/2017 23:41	RB
							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**	**0.0967**	B	mg/L	0.0222	1	EPA 6010C	06/06/2017 12:14	06/08/2017 23:41	RB
							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	**127**		mg/L	10.0	1	SM 2540C	06/08/2017 18:17	06/08/2017 18:17	TJM
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BF70257 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0131-01	WQ060117:1305 NP2-10	06/06/17
BF70257-BLK1	Blank	06/06/17
BF70257-SRM1	Reference	06/06/17

Batch ID: BF70440 **Preparation Method:** % Solids Prep **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
17F0131-01	WQ060117:1305 NP2-10	06/08/17
BF70440-BLK1	Blank	06/08/17

Batch ID: BF70461 **Preparation Method:** EPA 200.7 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
17F0131-01	WQ060117:1305 NP2-10	06/09/17

Batch ID: BF70515 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17F0129-01	WQ060117:1300NP2-16	06/11/17
17F0131-01	WQ060117:1305 NP2-10	06/11/17
BF70515-BLK1	Blank	06/11/17
BF70515-BS1	LCS	06/11/17
BF70515-BSD1	LCS Dup	06/11/17

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 BF70515 - EPA 5030B											
Blank (BF70515-BLK1)											
Prepared & Analyzed: 06/11/2017											
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	1.2	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	5.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.53	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 BF70515 - EPA 5030B											
Blank (BF70515-BLK1)									Prepared & Analyzed: 06/11/2017		
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BF70515-BS1)									Prepared & Analyzed: 06/11/2017		
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.75		"	10.0		97.5	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.7		"	10.0		107	83-133				
1,2,3-Trichlorobenzene	13.2		"	10.0		132	76-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137				
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132				
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.5		"	10.0		105	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	12.5		"	10.0		125	80-131				
1,3-Dichlorobenzene	11.5		"	10.0		115	86-122				
1,3-Dichloropropane	9.77		"	10.0		97.7	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	12.3		"	10.0		123	79-130				
2-Hexanone	8.70		"	10.0		87.0	51-146				
4-Chlorotoluene	12.1		"	10.0		121	79-128				
Acetone	14.2		"	10.0		142	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	11.6		"	10.0		116	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.78		"	10.0		97.8	79-128				
Bromoform	8.87		"	10.0		88.7	78-133				
Bromomethane	5.43		"	10.0		54.3	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 BF70515 - EPA 5030B											
LCS (BF70515-BS1)							Prepared & Analyzed: 06/11/2017				
Carbon tetrachloride	11.2		ug/L	10.0		112	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	7.71		"	10.0		77.1	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Dibromochloromethane	9.67		"	10.0		96.7	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	9.49		"	10.0		94.9	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.9		"	10.0		119	67-146				
Isopropylbenzene	13.0		"	10.0		130	76-140				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135				
Methylene chloride	8.34		"	10.0		83.4	55-137				
Naphthalene	13.2		"	10.0		132	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.7		"	10.0		127	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	21.7		"	20.0		109	77-133				
p-Isopropyltoluene	12.5		"	10.0		125	81-136				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butylbenzene	12.7		"	10.0		127	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.391	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		3.18	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		4.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		2.09	30	
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123		1.12	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		1.15	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		3.79	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		3.41	30	
1,2,3-Trichlorobenzene	21.3		"	10.0		213	76-136	High Bias	46.8	30	Non-dir.
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		6.16	30	
1,2,4-Trichlorobenzene	15.2		"	10.0		152	76-137	High Bias	29.7	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		6.86	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		12.2	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	83-124		1.12	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.0967	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		4.56	30	
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126		0.922	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		7.55	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		4.26	30	
1,3-Dichloropropane	9.87		"	10.0		98.7	81-125		1.02	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		4.33	30	
2,2-Dichloropropane	11.5		"	10.0		115	56-150		3.01	30	
2-Chlorotoluene	11.4		"	10.0		114	79-130		8.09	30	
2-Hexanone	9.36		"	10.0		93.6	51-146		7.31	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		8.09	30	
Acetone	14.5		"	10.0		145	14-150		2.02	30	
Benzene	10.5		"	10.0		105	85-126		1.53	30	
Bromobenzene	10.5		"	10.0		105	78-129		9.32	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.87	30	
Bromodichloromethane	9.87		"	10.0		98.7	79-128		0.916	30	
Bromoform	9.32		"	10.0		93.2	78-133		4.95	30	
Bromomethane	6.28		"	10.0		62.8	43-168		14.5	30	
Carbon tetrachloride	11.5		"	10.0		115	77-141		2.91	30	
Chlorobenzene	10.0		"	10.0		100	88-120		0.496	30	
Chloroethane	10.5		"	10.0		105	65-136		2.40	30	
Chloroform	10.7		"	10.0		107	82-128		2.76	30	
Chloromethane	8.04		"	10.0		80.4	43-155		4.19	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.18	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		0.0992	30	
Dibromochloromethane	9.77		"	10.0		97.7	80-130		1.03	30	
Dibromomethane	9.91		"	10.0		99.1	72-134		2.45	30	
Dichlorodifluoromethane	9.71		"	10.0		97.1	44-144		2.29	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.0946	30	
Hexachlorobutadiene	15.4		"	10.0		154	67-146	High Bias	25.7	30	
Isopropylbenzene	11.9		"	10.0		119	76-140		8.75	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		6.45	30	
Methylene chloride	8.60		"	10.0		86.0	55-137		3.07	30	
Naphthalene	19.1		"	10.0		191	70-147	High Bias	36.7	30	Non-dir.
n-Butylbenzene	11.3		"	10.0		113	79-132		4.31	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		7.86	30	
o-Xylene	10.6		"	10.0		106	78-130		0.664	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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.0920	30	
p-Isopropyltoluene	11.7		"	10.0		117	81-136		6.29	30	
sec-Butylbenzene	11.7		"	10.0		117	79-137		6.04	30	
Styrene	10.5		"	10.0		105	67-132		0.960	30	
tert-Butylbenzene	11.8		"	10.0		118	77-138		7.10	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		0.489	30	
Toluene	10.3		"	10.0		103	80-127		0.679	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		1.16	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		0.901	30	
Trichloroethylene	10.1		"	10.0		101	82-128		0.689	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.66	30	
Vinyl Chloride	9.95		"	10.0		99.5	58-145		3.48	30	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70257 - EPA 3015A											
Blank (BF70257-BLK1)									Prepared: 06/06/2017 Analyzed: 06/08/2017		
Iron - Dissolved	0.0746	0.0222	mg/L								
Reference (BF70257-SRM1)									Prepared: 06/06/2017 Analyzed: 06/08/2017		
Iron - Dissolved	0.692		ug/mL	0.759		91.2	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 BF70440 - % Solids Prep											
Blank (BF70440-BLK1)											Prepared: 06/08/2017 Analyzed: 06/09/2017
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17F0129-01	WQ060117:1300NP2-16	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0131-01	WQ060117:1305 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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. 17F0129

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.
HABSAG.

Samples from: CT ___ NY X NJ ___

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

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

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

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

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

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Inorg. 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)
WQ060117:1300 NP2-16	6-1-17	GW	~~Fe by EPA 200.7/Fe, Dissolved by EPA 6010(SW846-6010B)/VOCs~~, 8260 List (EPA SW846-8260B) plus freon 113	3 voa's
[redacted]				
WQ060117:1305 NP2-10	6-1-17	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's 3 plastic

Comments

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

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

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	6/2/17 800	LBG Fridge	6/2/17 800
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Aymee 6-5-17	1520

Temperature on Receipt 4.0 °C

Recd 6/5/17 13:44 (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. 17F0139

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.
NABSA6.

Samples from: CT ___ NY X NJ ___

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

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

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	TPH ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
LBG060117:1300NP2-16	6-1-17	GW	[redacted] VOCs, 8260 List (EPA SW846-8260b) plus freon 113	3 VOA's
LBG060117:1305 NP2-10	6-1-17	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540 c)	3 VOA's 3 plastic

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 ☐

Comments

Samples Relinquished By — Date/Time: 6/2/17 800
Samples Relinquished By — Date/Time:
Samples Received By: LBG Fridge — Date/Time: 6/2/17 800
Samples Received in LAB by: Aimee 6-5-17 — Date/Time: 1520

Temperature on Receipt: 4.0°C

Reed 6/5/17 13:44 (system)

APPENDIX II
JUNE 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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0132

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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0132

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 June 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
17F0132-01	WQ060117:1310 NP1-1-2	Water	06/01/2017	06/05/2017

General Notes for York Project (SDG) No.: 17F0132

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: 06/12/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ060117:1310 NP1-1-2 **York Sample ID:** 17F0132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0132	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS

Sample Information

Client Sample ID: WQ060117:1310 NP1-1-2 **York Sample ID:** 17F0132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0132	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 16:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 16:52	SS

Sample Information

Client Sample ID: WQ060117:1310 NP1-1-2 **York Sample ID:** 17F0132-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0132	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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	06/11/2017 09:30	06/11/2017 16:52	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 16:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 16:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
127-18-4	**Tetrachloroethylene**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/11/2017 09:30	06/11/2017 16:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*79-122*

Analytical Batch Summary

Batch ID: BF70515 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17F0132-01	WQ060117:1310 NP1-1-2	06/11/17
BF70515-BLK1	Blank	06/11/17
BF70515-BS1	LCS	06/11/17
BF70515-BSD1	LCS Dup	06/11/17

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 BF70515 - EPA 5030B											
Blank (BF70515-BLK1)											
Prepared & Analyzed: 06/11/2017											
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	1.2	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	5.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.53	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 BF70515 - EPA 5030B											
Blank (BF70515-BLK1)								Prepared & Analyzed: 06/11/2017			
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BF70515-BS1)								Prepared & Analyzed: 06/11/2017			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.75		"	10.0		97.5	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.7		"	10.0		107	83-133				
1,2,3-Trichlorobenzene	13.2		"	10.0		132	76-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137				
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132				
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.5		"	10.0		105	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	12.5		"	10.0		125	80-131				
1,3-Dichlorobenzene	11.5		"	10.0		115	86-122				
1,3-Dichloropropane	9.77		"	10.0		97.7	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	12.3		"	10.0		123	79-130				
2-Hexanone	8.70		"	10.0		87.0	51-146				
4-Chlorotoluene	12.1		"	10.0		121	79-128				
Acetone	14.2		"	10.0		142	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	11.6		"	10.0		116	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.78		"	10.0		97.8	79-128				
Bromoform	8.87		"	10.0		88.7	78-133				
Bromomethane	5.43		"	10.0		54.3	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 BF70515 - EPA 5030B											
LCS (BF70515-BS1)							Prepared & Analyzed: 06/11/2017				
Carbon tetrachloride	11.2		ug/L	10.0		112	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	7.71		"	10.0		77.1	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Dibromochloromethane	9.67		"	10.0		96.7	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	9.49		"	10.0		94.9	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.9		"	10.0		119	67-146				
Isopropylbenzene	13.0		"	10.0		130	76-140				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135				
Methylene chloride	8.34		"	10.0		83.4	55-137				
Naphthalene	13.2		"	10.0		132	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.7		"	10.0		127	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	21.7		"	20.0		109	77-133				
p-Isopropyltoluene	12.5		"	10.0		125	81-136				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butylbenzene	12.7		"	10.0		127	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.391	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		3.18	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		4.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		2.09	30	
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123		1.12	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		1.15	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		3.79	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		3.41	30	
1,2,3-Trichlorobenzene	21.3		"	10.0		213	76-136	High Bias	46.8	30	Non-dir.
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		6.16	30	
1,2,4-Trichlorobenzene	15.2		"	10.0		152	76-137	High Bias	29.7	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		6.86	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		12.2	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	83-124		1.12	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.0967	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		4.56	30	
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126		0.922	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		7.55	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		4.26	30	
1,3-Dichloropropane	9.87		"	10.0		98.7	81-125		1.02	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		4.33	30	
2,2-Dichloropropane	11.5		"	10.0		115	56-150		3.01	30	
2-Chlorotoluene	11.4		"	10.0		114	79-130		8.09	30	
2-Hexanone	9.36		"	10.0		93.6	51-146		7.31	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		8.09	30	
Acetone	14.5		"	10.0		145	14-150		2.02	30	
Benzene	10.5		"	10.0		105	85-126		1.53	30	
Bromobenzene	10.5		"	10.0		105	78-129		9.32	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.87	30	
Bromodichloromethane	9.87		"	10.0		98.7	79-128		0.916	30	
Bromoform	9.32		"	10.0		93.2	78-133		4.95	30	
Bromomethane	6.28		"	10.0		62.8	43-168		14.5	30	
Carbon tetrachloride	11.5		"	10.0		115	77-141		2.91	30	
Chlorobenzene	10.0		"	10.0		100	88-120		0.496	30	
Chloroethane	10.5		"	10.0		105	65-136		2.40	30	
Chloroform	10.7		"	10.0		107	82-128		2.76	30	
Chloromethane	8.04		"	10.0		80.4	43-155		4.19	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.18	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		0.0992	30	
Dibromochloromethane	9.77		"	10.0		97.7	80-130		1.03	30	
Dibromomethane	9.91		"	10.0		99.1	72-134		2.45	30	
Dichlorodifluoromethane	9.71		"	10.0		97.1	44-144		2.29	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.0946	30	
Hexachlorobutadiene	15.4		"	10.0		154	67-146	High Bias	25.7	30	
Isopropylbenzene	11.9		"	10.0		119	76-140		8.75	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		6.45	30	
Methylene chloride	8.60		"	10.0		86.0	55-137		3.07	30	
Naphthalene	19.1		"	10.0		191	70-147	High Bias	36.7	30	Non-dir.
n-Butylbenzene	11.3		"	10.0		113	79-132		4.31	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		7.86	30	
o-Xylene	10.6		"	10.0		106	78-130		0.664	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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.0920	30	
p-Isopropyltoluene	11.7		"	10.0		117	81-136		6.29	30	
sec-Butylbenzene	11.7		"	10.0		117	79-137		6.04	30	
Styrene	10.5		"	10.0		105	67-132		0.960	30	
tert-Butylbenzene	11.8		"	10.0		118	77-138		7.10	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		0.489	30	
Toluene	10.3		"	10.0		103	80-127		0.679	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		1.16	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		0.901	30	
Trichloroethylene	10.1		"	10.0		101	82-128		0.689	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.66	30	
Vinyl Chloride	9.95		"	10.0		99.5	58-145		3.48	30	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17F0132-01	WQ060117:1310 NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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. 17F0132

YOUR Information
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Shelton, CT 06484
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Report To:
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E-Mail Address:

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG

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

Samples from: CT___ NY X NJ___
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 Me/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Enviro	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)
LBG060117: 1310NP1-12	6-1-17	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 VOAs

Comments

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

4°C X Frozen___ HCl___ MeOH X HNO3___ H2SO4___ NaOH___
ZnAc___ Ascorbic Acid___ Other___

Samples Relinquished By — Date/Time: 6/2/17 800
Samples Received By: LBG Fridge — Date/Time: 6/2/17 800
Samples Relinquished By — Date/Time
Samples Received in LAB by: PGrace 6-5-17 — Date/Time: 1520

Temperature on Receipt: 4.0 °C

Reed M 6/5/17 1314

(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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0138

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: 06/12/2017
Client Project ID: Rowe Industries
York Project (SDG) No.: 17F0138

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 June 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
17F0138-01	WQ060117:1310 FRW-1	Water	06/01/2017	06/05/2017
17F0138-02	WQ060117:1315 FRW-2	Water	06/01/2017	06/05/2017
17F0138-03	WQ060117:1320 FRW-3	Water	06/01/2017	06/05/2017
17F0138-04	WQ060117:1325 FRW-4	Water	06/01/2017	06/05/2017

General Notes for York Project (SDG) No.: 17F0138

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: 06/12/2017

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ060117:1310 FRW-1 **York Sample ID:** 17F0138-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
71-55-6	**1,1,1-Trichloroethane**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS

Sample Information

Client Sample ID: WQ060117:1310 FRW-1 **York Sample ID:** 17F0138-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
156-59-2	**cis-1,2-Dichloroethylene**	**4.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:18	SS

Sample Information

Client Sample ID: WQ060117:1310 FRW-1 **York Sample ID:** 17F0138-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:10 pm	06/05/2017

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	06/11/2017 09:30	06/11/2017 17:18	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 17:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 17:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
127-18-4	**Tetrachloroethylene**	**94**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
79-01-6	**Trichloroethylene**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/11/2017 09:30	06/11/2017 17:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*79-122*

Sample Information

Client Sample ID: WQ060117:1315 FRW-2 **York Sample ID:** 17F0138-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:15 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 17:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 17:43	SS

Sample Information

Client Sample ID: WQ060117:1315 FRW-2 **York Sample ID:** 17F0138-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:15 pm	06/05/2017

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:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	**cis-1,2-Dichloroethylene**	**0.92**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ060117:1315 FRW-2 **York Sample ID:** 17F0138-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:15 pm	06/05/2017

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:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS NELAC-NY10854
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	**Tetrachloroethylene**	**16**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
79-01-6	**Trichloroethylene**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NELAC-NY10854,NJDEP
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 17:43	SS CTDOH,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*115 %*	*79-122*

Sample Information

Client Sample ID: WQ060117:1320 FRW-3 **York Sample ID:** 17F0138-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:20 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:09	SS

Sample Information

Client Sample ID: WQ060117:1320 FRW-3 **York Sample ID:** 17F0138-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:20 pm	06/05/2017

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	06/11/2017 09:30	06/11/2017 18:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
67-64-1	**Acetone**	**1.0**	CCV-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
156-59-2	**cis-1,2-Dichloroethylene**	**12**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
98-82-8	**Isopropylbenzene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS

Sample Information

Client Sample ID: WQ060117:1320 FRW-3 **York Sample ID:** 17F0138-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:20 pm	06/05/2017

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: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
103-65-1	**n-Propylbenzene**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 18:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	06/11/2017 09:30	06/11/2017 18:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
127-18-4	**Tetrachloroethylene**	**83**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
79-01-6	**Trichloroethylene**	**5.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
75-01-4	**Vinyl Chloride**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	06/11/2017 09:30	06/11/2017 18:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*79-122*

Sample Information

Client Sample ID: WQ060117:1325 FRW-4 **York Sample ID:** 17F0138-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:25 pm	06/05/2017

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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	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:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 NELAC-NY10854,NJDEP	06/11/2017 18:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30 CTDOH,NELAC-NY10854,NJDEP	06/11/2017 18:35	SS

Sample Information

Client Sample ID: WQ060117:1325 FRW-4 **York Sample ID:** 17F0138-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:25 pm	06/05/2017

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**	**0.87**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
156-59-2	**cis-1,2-Dichloroethylene**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/11/2017 09:30	06/11/2017 18:35	SS

Sample Information

Client Sample ID: WQ060117:1325 FRW-4 **York Sample ID:** 17F0138-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
17F0138	Rowe Industries	Water	June 1, 2017 1:25 pm	06/05/2017

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:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS NELAC-NY10854,NJDEP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS NELAC-NY10854
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS NELAC-NY10854
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
127-18-4	**Tetrachloroethylene**	**8.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
79-01-6	**Trichloroethylene**	**0.50**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NELAC-NY10854,NJDEP
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	06/11/2017 09:30	06/11/2017 18:35	SS CTDOH,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*79-122*

Analytical Batch Summary

Batch ID: BF70515 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
17F0138-01	WQ060117:1310 FRW-1	06/11/17
17F0138-02	WQ060117:1315 FRW-2	06/11/17
17F0138-03	WQ060117:1320 FRW-3	06/11/17
17F0138-04	WQ060117:1325 FRW-4	06/11/17
BF70515-BLK1	Blank	06/11/17
BF70515-BS1	LCS	06/11/17
BF70515-BSD1	LCS Dup	06/11/17

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 BF70515 - EPA 5030B											
Blank (BF70515-BLK1)											Prepared & Analyzed: 06/11/2017
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	1.2	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	5.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.53	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	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF70515 - EPA 5030B											
Blank (BF70515-BLK1)								Prepared & Analyzed: 06/11/2017			
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	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: Toluene-d8	*9.53*		*"*	*10.0*		*95.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS (BF70515-BS1)								Prepared & Analyzed: 06/11/2017			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	54-165				
1,1,2-Trichloroethane	9.75		"	10.0		97.5	82-123				
1,1-Dichloroethane	10.4		"	10.0		104	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.7		"	10.0		107	83-133				
1,2,3-Trichlorobenzene	13.2		"	10.0		132	76-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137				
1,2,4-Trimethylbenzene	12.2		"	10.0		122	82-132				
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	45-147				
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.5		"	10.0		105	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	12.5		"	10.0		125	80-131				
1,3-Dichlorobenzene	11.5		"	10.0		115	86-122				
1,3-Dichloropropane	9.77		"	10.0		97.7	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.1		"	10.0		111	56-150				
2-Chlorotoluene	12.3		"	10.0		123	79-130				
2-Hexanone	8.70		"	10.0		87.0	51-146				
4-Chlorotoluene	12.1		"	10.0		121	79-128				
Acetone	14.2		"	10.0		142	14-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	11.6		"	10.0		116	78-129				
Bromochloromethane	10.3		"	10.0		103	77-128				
Bromodichloromethane	9.78		"	10.0		97.8	79-128				
Bromoform	8.87		"	10.0		88.7	78-133				
Bromomethane	5.43		"	10.0		54.3	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 BF70515 - EPA 5030B											
LCS (BF70515-BS1)								Prepared & Analyzed: 06/11/2017			
Carbon tetrachloride	11.2		ug/L	10.0		112	77-141				
Chlorobenzene	10.1		"	10.0		101	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	7.71		"	10.0		77.1	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Dibromochloromethane	9.67		"	10.0		96.7	80-130				
Dibromomethane	9.67		"	10.0		96.7	72-134				
Dichlorodifluoromethane	9.49		"	10.0		94.9	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	11.9		"	10.0		119	67-146				
Isopropylbenzene	13.0		"	10.0		130	76-140				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	76-135				
Methylene chloride	8.34		"	10.0		83.4	55-137				
Naphthalene	13.2		"	10.0		132	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	12.7		"	10.0		127	78-133				
o-Xylene	10.5		"	10.0		105	78-130				
p- & m- Xylenes	21.7		"	20.0		109	77-133				
p-Isopropyltoluene	12.5		"	10.0		125	81-136				
sec-Butylbenzene	12.5		"	10.0		125	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butylbenzene	12.7		"	10.0		127	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	10.3		"	10.0		103	80-127				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	80-132				
trans-1,3-Dichloropropylene	9.94		"	10.0		99.4	78-131				
Trichloroethylene	10.2		"	10.0		102	82-128				
Trichlorofluoromethane	11.3		"	10.0		113	67-139				
Vinyl Chloride	9.61		"	10.0		96.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.391	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		3.18	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		4.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		2.09	30	
1,1,2-Trichloroethane	9.86		"	10.0		98.6	82-123		1.12	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		1.15	30	
1,1-Dichloroethylene	11.0		"	10.0		110	68-138		3.79	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		3.41	30	
1,2,3-Trichlorobenzene	21.3		"	10.0		213	76-136	High Bias	46.8	30	Non-dir.
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		6.16	30	
1,2,4-Trichlorobenzene	15.2		"	10.0		152	76-137	High Bias	29.7	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		6.86	30	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	45-147		12.2	30	
1,2-Dibromoethane	9.85		"	10.0		98.5	83-124		1.12	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		0.0967	30	
1,2-Dichloroethane	11.0		"	10.0		110	73-132		4.56	30	
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126		0.922	30	
1,3,5-Trimethylbenzene	11.6		"	10.0		116	80-131		7.55	30	
1,3-Dichlorobenzene	11.0		"	10.0		110	86-122		4.26	30	
1,3-Dichloropropane	9.87		"	10.0		98.7	81-125		1.02	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	85-124		4.33	30	
2,2-Dichloropropane	11.5		"	10.0		115	56-150		3.01	30	
2-Chlorotoluene	11.4		"	10.0		114	79-130		8.09	30	
2-Hexanone	9.36		"	10.0		93.6	51-146		7.31	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		8.09	30	
Acetone	14.5		"	10.0		145	14-150		2.02	30	
Benzene	10.5		"	10.0		105	85-126		1.53	30	
Bromobenzene	10.5		"	10.0		105	78-129		9.32	30	
Bromochloromethane	10.6		"	10.0		106	77-128		2.87	30	
Bromodichloromethane	9.87		"	10.0		98.7	79-128		0.916	30	
Bromoform	9.32		"	10.0		93.2	78-133		4.95	30	
Bromomethane	6.28		"	10.0		62.8	43-168		14.5	30	
Carbon tetrachloride	11.5		"	10.0		115	77-141		2.91	30	
Chlorobenzene	10.0		"	10.0		100	88-120		0.496	30	
Chloroethane	10.5		"	10.0		105	65-136		2.40	30	
Chloroform	10.7		"	10.0		107	82-128		2.76	30	
Chloromethane	8.04		"	10.0		80.4	43-155		4.19	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		2.18	30	
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131		0.0992	30	
Dibromochloromethane	9.77		"	10.0		97.7	80-130		1.03	30	
Dibromomethane	9.91		"	10.0		99.1	72-134		2.45	30	
Dichlorodifluoromethane	9.71		"	10.0		97.1	44-144		2.29	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		0.0946	30	
Hexachlorobutadiene	15.4		"	10.0		154	67-146	High Bias	25.7	30	
Isopropylbenzene	11.9		"	10.0		119	76-140		8.75	30	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135		6.45	30	
Methylene chloride	8.60		"	10.0		86.0	55-137		3.07	30	
Naphthalene	19.1		"	10.0		191	70-147	High Bias	36.7	30	Non-dir.
n-Butylbenzene	11.3		"	10.0		113	79-132		4.31	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		7.86	30	
o-Xylene	10.6		"	10.0		106	78-130		0.664	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 BF70515 - EPA 5030B											
LCS Dup (BF70515-BSD1)								Prepared & Analyzed: 06/11/2017			
p- & m- Xylenes	21.8		ug/L	20.0		109	77-133		0.0920	30	
p-Isopropyltoluene	11.7		"	10.0		117	81-136		6.29	30	
sec-Butylbenzene	11.7		"	10.0		117	79-137		6.04	30	
Styrene	10.5		"	10.0		105	67-132		0.960	30	
tert-Butylbenzene	11.8		"	10.0		118	77-138		7.10	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		0.489	30	
Toluene	10.3		"	10.0		103	80-127		0.679	30	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132		1.16	30	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	78-131		0.901	30	
Trichloroethylene	10.1		"	10.0		101	82-128		0.689	30	
Trichlorofluoromethane	11.5		"	10.0		115	67-139		1.66	30	
Vinyl Chloride	9.95		"	10.0		99.5	58-145		3.48	30	
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: Toluene-d8	*9.78*		*"*	*10.0*		*97.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
17F0138-01	WQ060117:1310 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0138-02	WQ060117:1315 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0138-03	WQ060117:1320 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
17F0138-04	WQ060117:1325 FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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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. 17F0138

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

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

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

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG

Samples from: CT ___ NY X NJ ___

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

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

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

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

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ060117:1310 FRW-1	6-1-17	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 40a's
WQ060117:1315 FRW-2				"
WQ060117:1320 FRW-3				"
WQ060117:1325 FRW-4				"

Comments

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

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

Samples Relinquished By — Date/Time: 6/2/17 900
Samples Received By: LBG Fridge — Date/Time: 6/2/17 800
Samples Relinquished By — Date/Time:
Samples Received in LAB by: Rece 6-5-17 — Date/Time: 1520

Temperature on Receipt 4.0°C

Rec'd AT 6/5/17 1344

(RW & FRW)