



December 21, 2018

Mr. Thomas Biel
NYSDEC - Region 7 Office
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204-2400

RE: NYSDEC Site #V-00339-7
Agreement Index No. A7-0419-0005
Former Deluxe Printing Facility
4707 Dey Road
Liverpool, New York

Dear Mr. Biel:

Attached is one bound copy of the WSP USA (WSP), formerly Leggette, Brashears & Graham, Inc., report titled: "2018 Periodic Review Report, Deluxe Corporation, Former Deluxe Printing Facility, 4707 Dey Road, Liverpool, New York, NYSDEC Site #V-00339-7, Agreement Index No. A7-0419-0005" for your files.

If you have any questions please do not hesitate to contact me at (914) 694-5711.

Very truly yours,

WSP USA


Jorma Weber
Senior Associate

JW:nv

Attachments

cc: Jon Robertson
Tom Walsh

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2018 PERIODIC REVIEW REPORT

DELUXE CORPORATION
FORMER DELUXE PRINTING FACILITY
4707 DEY ROAD, LIVERPOOL, NEW
YORK
NYSDEC SITE #V-00339-7
AGREEMENT INDEX NO. A7-0419-0005

DELUXE CORPORATION

CONFIDENTIAL

PROJECT NO.: 770510.DLXLCP.00
DATE: DECEMBER 2018

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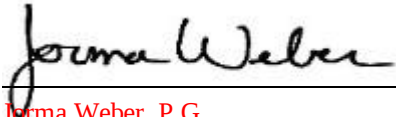
SIGNATURES

PREPARED BY



Michael Reiff, P.G.
Assistant Project Hydrogeologist

REVIEWED BY



Jorma Weber, P.G.
Supervising Hydrogeologist



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1 INTRODUCTION

The premises located at 4707 Dey Road in Liverpool, New York (“the Site”) is the subject of the former Voluntary Cleanup Program (VCP) Index Number A7-0419-0005. In accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP), a Periodic Review Report (PRR) for the site is to be provided to NYSDEC on an annual basis beginning November 2013. WSP USA (WSP), formerly Leggette, Brashears & Graham, Inc., was retained to perform the required tasks at the Site in association with the SMP. The following Periodic Review Report summarizes the onsite conditions observed and recorded from October 10, 2017 to October 9, 2018.

Groundwater at the site contains residual solvent contamination (defined in the SMP) left after completion of the remedial action. Engineering Controls (ECs) and Institutional Controls (ICs) have been incorporated into the site remedy to control exposure to residual contamination during Site use to ensure protection of public health and the environment. A Declaration of Covenants and Restrictions (the Declaration) is recorded with the Onondaga County Clerk’s office which requires compliance with the SMP and all ECs and ICs placed on the Site (the Declaration is included as Appendix A). The ICs place restrictions on site use and mandate maintenance, monitoring and reporting measures for all ECs and ICs. The SMP specifies the methods necessary to ensure compliance with all ECs and ICs required by the Declaration for contamination that remains at the Site. The SMP provides a detailed description of all procedures required to manage residual contamination at the Site during and after completion of remedial action (monitored natural attenuation of groundwater contamination), which may include: 1) implementation and management of all ECs and ICs; 2) media monitoring; 3) performance of periodic inspections, certification of results, submittal of a Periodic Review Report; and 4) defining criteria for termination of ECs and ICs.

2 SCOPE OF WORK

As required by the SMP, a Periodic Review Report will be submitted to NYSDEC for each annual reporting period beginning with the reporting period that commences upon NYSDEC acceptance of the SMP. The report will be submitted to NYSDEC within 45 days of the end of each reporting period. This current reporting period is October 10, 2017 to October 9, 2018 and this Periodic Review Report includes:

- identification, assessment and certification of all ECs/ICs required by the remedy for the Site;
- results of the required annual site inspections and severe condition inspections, if applicable;
- all applicable inspection forms and other records generated for the Site during the reporting period in electronic format;
- a summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- data summary tables of contaminants of concern by media (groundwater, soil vapor), along with the applicable standards, with all exceedances highlighted – these will include a presentation of past data as part of an evaluation of contaminant concentration trends;
- results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format; and,
- a site evaluation, which includes the following:
 - o compliance of the Monitored Natural Attenuation (MNA) with the requirements of the Declaration, this SMP, and any other applicable Decision Document;
 - o the operation and the effectiveness of all monitoring units, etc., including identification of any needed repairs or modifications;
 - o any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
 - o recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and,
 - o the overall performance and effectiveness of the remedy.

3 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring is performed on a periodic basis to assess the performance of the remedy. There is a network of 19 monitor wells located onsite set as seven distinct clusters. Each well cluster contains two to four individual monitor wells with well screens set at specific depth. The well locations are shown on figure 1.

All of the “A” monitor wells (MW-1A, MW-2A, MW-3A and MW-4A) have well screens set from 5 ft bg (feet below grade) to 20 ft bg. Three of the four “A” wells intersect bedrock at depths ranging from 11 ft bg (MW-4A) to 13 ft bg (MW-1A and MW-2A). Monitor Well MW-3A does not intersect bedrock because bedrock is encountered at 20 ft bg at that location.

All of the “B” monitor wells (MW-1B, MW-2B, MW-3B and MW-4B) have well screens set from 30 ft bg to 40 ft bg. These wells are screened completely in bedrock and are constructed with outer steel casings set from grade to 30 ft bg.

All of the “C” monitor wells (MW-1C, MW-2C, MW-3C and MW-4C) have well screens set from 50 ft bg to 60 ft bg. These wells are screened completely in bedrock and are constructed with outer steel casings set from grade to 50 ft bg.

All of the “D” monitor wells are open rock boreholes from 80 to 110 ft bg constructed with outer steel casings set from grade to 80 ft bg.

Groundwater samples will be collected from these monitor wells every 9 months for a period of 5 years which began in April 2013. The purpose of sampling every 9 months rather than 12 months is to ensure seasonal data collection.

The sampling frequency may be modified with the approval of NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

3.1 GROUNDWATER SAMPLING

On July 24, 2018, WSP personnel measured the depth to water and total depth of each of the 19 monitor wells at the site using an electronic interface probe. Water depths are summarized on table 1. The measurements were used to calculate the volume of water within each well. On July 24 and 25, 2018, WSP evacuated 3 volumes of water from each well using a submersible pump set approximately 2 feet below the pumping water level. The pump was operated at a flow rate less than 3 gpm (gallons per minute) and dedicated polyethylene tubing was used for each well. At the conclusion of each well evacuation, WSP personnel measured the following geochemical parameters: temperature, pH, conductivity, dissolved oxygen and oxidation/reduction potential. All of these geochemical measurements are shown on table 1. Copies of field sheets are included in Appendix B.

Evacuated purge water was stored temporarily in 55-gallon steel drums and was removed from the site on July 26, 2018 by Environmental Products and Services of Vermont, Inc. (EPS). A waste manifest for this purge water is included in Appendix C.

After purging each well, groundwater samples were collected with disposable polyethylene bailers and transferred to laboratory-supplied containers. Each sample was stored in a chilled cooler and shipped to York Analytical Laboratories (York) of Stratford, Connecticut for analysis of volatile organic compounds (VOCs) by EPA Method 8260. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory. The laboratory report supplied by York included NYSDEC Analytical Services Protocol (ASP) Category B Deliverables. A field blank, trip blank, matrix spike and matrix spike duplicate were also sent to York. A copy of the laboratory reports including Category B Deliverables are

included in Appendix D. A Data Usability Summary Report (DUSR) has been prepared by Premier Environmental Services of Merrick, New York and is included in Appendix E.

3.2 GROUNDWATER FLOW

Groundwater flow through a bedrock aquifer is primarily through fractures, joints and bedding-plane partings. Flow direction is controlled by differences in potentiometric surface elevation within the aquifer and the orientation and general character of the secondary porosity paths (fractures, joints, etc.) over a local and regional scale.

Groundwater elevations calculated for the shallow “A” wells indicated a horizontal gradient to the north. The groundwater elevation in MW-5A was the lowest of all “A” wells on July 24, 2018 and was 6.20 feet lower than groundwater in the contamination source area (1A) 110 feet away. Groundwater in the shallow “A” zone flows to the north through unconsolidated sediment and weathered bedrock. A groundwater elevation contour map for the July 24, 2018 measurements from the “A” monitor wells is shown on figure 2.

Groundwater elevations calculated for the “B” wells indicate a horizontal gradient to the north. Groundwater elevations calculated for the “C” wells indicate a horizontal gradient to the southeast. Groundwater elevations calculated for the “D” wells indicate a horizontal gradient to the north-northeast.

Groundwater in the “B”, “C” and “D” wells flows through bedrock fractures; the flow patterns described above are estimates of the generalized flow direction and do not take into account any localized secondary porosity effects. Figure 3 depicts the generalized groundwater flow direction for the different bedrock intervals.

3.3 GROUNDWATER QUALITY – WELL CLUSTER #1 (FORMER UNDERGROUND STORAGE TANK AREA)

Monitor Well Cluster #1 is located at the former underground storage tank (UST) area (figure 1). Groundwater samples collected from these wells contain the highest concentrations of tetrachloroethylene (PCE) and its degradation byproducts. Laboratory analysis of groundwater samples collected from MW-1A on July 24, 2018 indicated PCE and trichloroethylene (TCE) concentrations exceeding NYSDEC Ground Water Quality Standards (GWQS). The PCE concentration was 110 ug/l (micrograms per liter) and the TCE concentration was 120 ug/l.

The historic concentrations of PCE and its degradation products decrease with depth below grade at the Well Cluster #1 location. No VOCs were detected above NYSDEC GWQS in MW-1C on July 24, 2018 and VOCs have never been detected above NYSDEC GWQS in MW-1D (the deepest #1 cluster well at 109 feet). Table 2.1 summarizes groundwater quality at Well Cluster #1.

3.4 GROUNDWATER QUALITY – WELL CLUSTERS #2 AND #3

Well Clusters #2 and #3 are located to the east and northeast of the former UST area (50 to 60 feet away). Groundwater samples from Cluster #2 (east of the former UST area) did not contain VOCs above GWQS during the July 2018 sampling event. Historically, GWQS were exceeded for only one compound on one date in Cluster

#2 (7 ug/l, 1,1 dichloroethane, MW-2C, April 30, 2003). Table 2.2 summarizes groundwater quality at Monitor Well Cluster #2.

Consistent with historical results, groundwater samples collected from Well Cluster #3 (northeast of the former UST area) had no VOCs exceeding GWQS in the July 2018 samples. Table 2.3 summarized groundwater quality at Well Cluster #3.

3.5 GROUNDWATER QUALITY – WELL CLUSTER #4 (NORTH OF FORMER UST AREA)

Groundwater samples collected from Well Cluster #4 contain the greatest VOC concentration lateral to Well Cluster #1. On the most recent sampling date (July 24, 2018), the groundwater sample collected from Monitor Well 4A contained PCE at a concentration of 13 ug/l. Table 2.4 summarizes groundwater quality at Well Cluster #4.

3.6 GROUNDWATER QUALITY – WELL CLUSTERS #5, #6 AND #7

The results of laboratory analysis from the most recent groundwater sampling date (July 24, 2018) indicate that the only VOC detection above NYSDEC GWQS at these well clusters was PCE at a concentration of 11 ug/l in Monitor Well 5A. Table 2.5 summarizes groundwater quality in Well Clusters 5, 6 and 7.

4 ENGINEERING AND INSTITUTIONAL CONTROLS (EC AND ICS)

4.1 ENGINEERING CONTROLS/MONITORED NATURAL ATTENTION

The EC required by the SMP is MNA. In a letter to Deluxe dated November 10, 2009, NYSDEC concluded that the lateral and vertical extent of groundwater contamination beneath the Site has been well established and it accepted the recommendation of MNA as the remedial approach. Groundwater monitoring to assess natural attenuation has been conducted since 2001 and regularly at 9 month intervals since April 2013. During this time period, concentrations detected of the contaminants of concern have become asymptotic at an acceptable level for a sufficient period of time as provided in Section 6.4 of NYSDEC DER-10. Groundwater monitoring will continue until permission to discontinue is granted in writing by the NYSDEC.

4.2 INSTITUTIONAL CONTROLS

A series of ICs are required by the SMP and the Declaration, which refers to the Site as the “Property”, and were implemented under the SMP. The Declaration is attached as Appendix A. The ICs listed in the SMP and the Declaration are:

- compliance with the Declaration and the SMP by Deluxe, the site owner, and their respective successors and assigns;
- the prohibition of the Property for any purposes other than Commercial or Industrial use without the express written waiver of such prohibition by NYSDEC or its successor agency;
- the owner of the Property shall prohibit the use of groundwater underlying the Property without treatment rendering it safe for drinking or industrial purposes, as appropriate, unless the user first obtains permission to do so from NYSDEC or its successor agency;
- unless prior written approval by NYSDEC or its successor agency is first obtained, where contamination remains at the Property subject to the provisions of the SMP, there shall be no construction, use or occupancy of the Property that results in the disturbance or excavation of the Property which threatens the integrity of the ECs or which results in unacceptable human exposure to contaminated groundwater;
- groundwater monitoring must be performed as defined in the SMP; and,
- data and information pertinent to the SMP for the Property must be reported at the frequency and in a manner defined in the SMP.

ICs identified in the Declaration may not be discontinued without an amendment to or extinguishment of the Declaration.

5 ANNUAL SITE INSPECTION/SITE EVALUATION

A site-wide inspection was conducted on July 24, 2018 by Michael Reiff, a Hydrogeologist with WSP. The inspection included verification of the site owner and site use, verification that the Declaration is on record with Onandaga County and documenting the condition of the onsite monitor wells. The Site-Wide Inspection Form required by the SMP is included in Appendix F.

The MNA program is continuing on schedule as required by the SMP. Groundwater quality has become asymptotic at an acceptable level for a sufficient period of time consistent with the remaining contamination defined by the SMP. It is recommended that the groundwater monitoring program be discontinued and the monitor wells abandoned.

6 CERTIFICATION OF ENGINEERING AND INSTITUTION CONTROLS

During the year 2018, there are no modifications to the onsite ECs/ICs as outlined in the SMP. As specified in the SMP, the remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitutes a violation or failure to comply with the SMP. NYSDEC retains the right to access such Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an engineer or a Qualified Environmental Professional (QEP).

The certification form has been completed by Jorma Weber, P.G., Supervising Hydrogeologist of WSP, White Plains, New York. A copy of the signed certification is included in Appendix G.

7 STANDARDS OF CONTROL

All inspections performed at the Site were conducted at the frequency specified in the schedules provided in Section 3 - Monitoring Plan of the SMP. Site inspections and sampling activities at the Site will continue to take place as outlined in the SMP. Frequency of inspection is subject to change by NYSDEC.

All sampling and analyses were performed in accordance with the requirements of the Quality Assurance Project Plan (QAPP) described in the SMP.

8 CONCLUSIONS AND RECOMMENDATIONS

All onsite ECs/ICs are in place and being implemented properly. Groundwater quality has become asymptotic at an acceptable level for a sufficient period of time consistent with the remaining contamination defined by the SMP. It is recommended that the groundwater monitoring program be discontinued and the monitor wells abandoned. However, the monitoring program will not be terminated until confirmed in writing by NYSDEC. The next PRR will be submitted by November 30, 2019.

nv

December 21, 2018

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TABLES

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
1A	04/05/01	98.78	20.00	12.38	86.40	NM ⁸⁾	NM	NM	NM	NM	NM
	10/15/02		-	15.25	83.53	0.067	15.2	7.21	72	7.0	76
	01/29/03		-	13.91	84.87	0.057	8.1	7.21	120	7.3	118
	04/28/03		-	13.00	85.78	0.140	15.0	7.02	270	8.1	NM
	09/24/03		-	16.64	82.14	0.050	NM	6.63	NM	NM	NM
	04/22/13		20.05	12.15	86.63	0.117	12.04	7.55	321	7.03	-17
	01/21/14		20.15	13.63	85.15	0.092	6.98	7.46	NM	9.48	174
	10/07/14		20.15	13.82	84.96	0.066	15.2	7.30	NM	10.0	94
	07/21/15		20.15	13.27	85.51	0.042	13.6	7.58	NM	3.1	-44
	04/26/16		20.15	12.55	86.23	0.109	9.7	7.80	NM	12.3	132
	01/17/17		20.15	11.32	87.46	1.470	6.7	7.83	160	6.42	66
	10/03/17		20.15	14.77	84.01	1.460	9.2	8.04	NM	9.19	-1
	07/24/18		20.15	13.83	84.95	1.570	17.4	9.40	103	9.52	19
1B	04/05/01	98.87	40.20	33.39	65.48	NM	NM	NM	NM	NM	NM
	10/15/02		-	39.80	59.07	NM	NM	NM	NM	NM	NM
	01/29/03		-	Dry	-	-	-	-	-	-	-
	04/28/03		-	35.55	63.32	0.150	18.6	6.76	180	5.1	NM
	09/24/03		-	39.85	59.02	NM	NM	NM	NM	NM	NM
	04/22/13		40.40	36.58	62.29	0.145	14.54	7.59	287	5.14	-17
	01/21/14		40.32	39.38	59.49	0.127	8.49	9.18	NM	8.53	164
	10/07/14		40.33	39.85	59.02	0.273	15.00	7.80	NM	9.89	81
	07/21/15		40.60	39.80	59.07	0.274	13.42	7.17	NM	3.67	-97
	04/26/16		40.60	39.50	59.37	0.188	8.14	8.33	NM	11.15	134
	01/17/17		40.35	38.83	60.04	1.040	9.12	6.78	248	5.94	78
	10/03/17		40.35	39.86	59.01	NM	NM	NM	NM	NM	NM
	07/24/18		40.35	39.82	59.05	NM	NM	NM	NM	NM	NM
1C	04/05/01	99.20	60.10	37.55	61.65	NM	NM	NM	NM	NM	NM
	10/15/02		-	52.02	47.18	0.200	12.6	7.20	9	8.0	83
	01/29/03		-	43.97	55.23	0.140	11.8	6.98	21	8.0	124
	04/28/03		-	37.34	61.86	0.160	17.6	6.76	280	13.3	NM
	09/24/03		-	52.19	47.01	0.081	NM	6.60	NM	NM	NM
	10/16/03		-	52.33	46.87	NM	NM	NM	NM	NM	NM
	04/22/13		60.25	42.50	56.70	0.252	15.57	8.78	565	7.74	-72
	01/21/14		60.40	42.65	56.55	0.324	6.64	7.22	NM	9.54	31
	10/07/14		60.40	51.55	47.65	0.222	14.86	6.40	NM	9.87	-36
	07/21/15		60.40	43.43	55.77	0.285	12.92	7.34	NM	2.36	-100
	04/26/16		60.40	41.12	58.08	0.233	10.32	7.32	NM	11.53	147
	01/17/17		60.40	41.65	57.55	1.920	9.02	7.06	163	4.23	95
	10/03/17		60.40	50.00	49.20	1.970	15.15	7.60	118	4.02	3
	07/24/18		60.40	49.83	49.37	1.930	16.33	8.48	NM	8.37	32

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
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Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
1D	09/24/03	98.78	109.52	49.74	49.04	0.294	NM	11.41	NM	NM	NM
	04/22/13		109.52	42.25	56.53	0.342	12.22	10.73	NM	6.73	-261
	01/21/14		109.50	41.00	57.78	0.354	7.22	11.52	NM	9.18	-38
	10/07/14		109.50	48.32	50.46	0.104	14.07	6.20	NM	7.40	-44
	07/21/15		109.50	41.50	57.28	0.439	13.37	12.22	NM	2.68	-131
	04/26/16		109.50	39.05	59.73	0.568	10.57	7.11	NM	12.58	25
	01/17/17		109.50	40.22	58.56	0.889	9.11	5.14	25	2.33	-84
	10/03/17		109.50	45.35	53.43	3.700	15.73	13.66	117	0.17	-113
	07/24/18		109.50	44.32	54.46	3.120	16.88	12.39	NM	2.50	-84
2A	04/05/01	98.73	20.08	9.49	89.24	NM	NM	NM	NM	NM	NM
	10/15/02		-	14.52	84.21	0.210	17.4	6.88	81	5.0	91
	01/29/03		-	12.55	86.18	0.220	9.3	6.99	90	8.3	91
	04/28/03		-	10.75	87.98	0.220	12.2	6.79	820	5.8	NM
	09/24/03		-	15.42	83.31	0.084	NM	6.48	NM	NM	NM
	04/22/13		20.10	10.76	87.97	0.292	12.52	6.94	NM	9.20	17
	01/21/14		20.08	12.71	86.02	0.186	7.96	8.06	NM	8.66	182
	10/07/14		20.08	14.80	83.93	0.289	16.04	8.08	NM	7.80	150
	07/21/15		20.10	12.92	85.81	0.204	14.96	7.63	NM	3.36	58
	04/26/16		20.10	11.74	86.99	0.251	11.30	7.15	NM	8.43	192
	01/17/17		20.10	10.84	87.89	2.240	11.70	7.56	580	3.36	76
	10/03/17		20.10	14.40	84.33	2.170	20.27	7.85	NM	8.13	11
	07/24/18		20.10	13.00	85.73	0.303	22.80	7.31	842	7.92	88
2B	04/05/01	98.92	40.18	35.48	63.44	NM	NM	NM	NM	NM	NM
	10/15/02		-	39.80	59.12	NM	NM	NM	NM	NM	NM
	01/29/03		-	Dry	-	-	-	-	-	-	-
	04/28/03		-	36.01	62.91	0.100	16.6	6.87	500	6.0	NM
	09/24/03		-	39.95	58.97	NM	NM	NM	NM	NM	NM
	04/22/13		40.15	36.98	61.94	0.154	15.97	7.49	NM	8.19	4
	01/21/14		40.15	39.57	59.35	0.164	8.23	8.86	NM	8.50	161
	10/07/14		40.15	39.80	59.12	0.200	15.38	8.40	NM	9.07	90
	07/21/15		40.15	39.81	59.11	0.204	14.97	7.91	NM	3.04	45
	04/26/16		40.15	39.52	59.40	0.158	11.87	6.88	NM	18.43	252
	01/17/17		40.15	39.13	59.79	0.840	8.82	7.11	221	4.27	4
	10/03/17		40.15	40.06	58.86	NM	NM	NM	NM	NM	NM
	07/24/18		40.15	39.92	59.00	NM	NM	NM	NM	NM	NM

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
2C	04/05/01	98.83	60.10	37.24	61.59	NM	NM	NM	NM	NM	NM
	10/15/02		-	51.78	47.05	0.220	13.2	6.64	5	7.7	97
	01/29/03		-	43.66	55.17	0.190	11.5	6.88	46	7.6	96
	04/28/03		-	37.00	61.83	0.180	17.2	6.99	390	7.7	NM
	09/24/03		-	51.83	47.00	0.077	NM	6.68	NM	NM	NM
	04/22/13		61.00	38.95	59.88	0.279	14.00	7.25	350	8.57	11
	01/21/14		61.00	42.30	56.53	0.202	7.13	7.11	NM	9.06	12
	10/07/14		61.00	51.14	47.69	0.296	13.98	8.50	NM	9.10	6
	07/21/15		61.00	43.14	55.69	0.206	14.61	7.67	NM	4.11	50
	04/26/16		61.00	40.70	58.13	0.267	11.41	7.12	NM	8.08	175
	01/17/17		61.00	41.33	57.50	2.130	9.60	7.15	42	2.09	89
	10/03/17		61.00	49.71	49.12	2.060	16.43	7.95	83	4.19	27
	01/17/17		61.00	49.53	49.30	1.560	18.58	6.66	361	13.48	123
3A	04/05/01	98.31	20.00	8.79	89.52	NM	NM	NM	NM	NM	NM
	10/15/02		-	14.33	83.98	0.120	17.7	7.58	67	6.2	74
	01/29/03		-	12.39	85.92	0.120	13.1	7.02	56	4.9	53
	04/28/03		-	10.65	87.66	0.140	13.2	7.14	150	3.4	NM
	09/24/03		-	15.12	83.19	0.069	NM	6.82	NM	NM	NM
	04/22/13		20.00	10.20	88.11	0.244	12.55	9.78	NM	3.69	-198
	01/21/14		20.02	12.15	86.16	0.153	9.07	6.89	NM	7.79	31
	10/07/14		20.00	14.50	83.81	0.111	16.28	6.80	NM	7.16	36
	07/21/15		20.00	12.64	85.67	0.106	15.09	7.45	NM	3.04	19
	04/26/16		20.00	11.60	86.71	0.244	12.16	6.95	NM	13.72	107
	01/17/17		20.00	10.84	87.47	1.380	10.55	6.87	45	3.09	-161
	10/03/17		20.00	14.53	83.78	0.769	19.53	7.40	238	2.36	-3
	07/24/18		20.00	13.75	84.56	0.859	19.70	7.12	NM	16.04	46
3B	04/05/01	98.36	40.18	34.30	64.06	NM	NM	NM	NM	NM	NM
	10/15/02		-	39.86	58.50	NM	NM	NM	NM	NM	NM
	01/29/03		-	39.17	59.19	0.090	12.8	6.88	72	11.0	151
	04/28/03		-	35.10	63.26	0.078	19.6	7.10	100	4.5	NM
	09/24/03		-	39.95	58.41	NM	NM	NM	NM	NM	NM
	04/22/13		40.30	35.90	62.46	0.140	16.48	7.37	317	11.09	-4
	01/21/14		40.23	38.13	60.23	0.100	6.66	6.84	NM	9.30	191
	10/07/14		40.25	38.82	59.54	0.198	15.26	6.90	NM	7.79	156
	07/21/15		40.25	38.89	59.47	0.217	12.81	7.18	NM	3.03	99
	04/26/16		40.25	38.60	59.76	0.102	12.49	7.60	NM	7.14	129
	01/17/17		40.25	37.97	60.39	0.780	14.42	6.60	42	2.40	184
	10/03/17		40.25	39.92	58.44	NM	NM	NM	NM	NM	NM
	07/24/18		40.25	39.90	58.46	NM	NM	NM	NM	NM	NM

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
3C	04/05/01	98.19	60.18	36.24	61.95	NM	NM	NM	NM	NM	NM
	10/15/02		-	50.06	48.13	0.230	13.4	7.13	23	8.0	87
	01/29/03		-	42.62	55.57	0.210	12.7	6.82	47	7.5	154
	04/28/03		-	35.99	62.20	0.200	15.2	6.59	110	8.0	NM
	09/24/03		-	50.15	48.04	0.072	NM	6.67	NM	NM	NM
	04/22/13		60.20	37.75	60.44	0.326	16.92	7.60	NM	8.58	-13
	01/21/14		60.30	41.10	57.09	0.270	7.87	5.66	NM	7.22	118
	10/07/14		60.30	49.45	48.74	0.178	15.02	7.20	NM	8.83	114
	07/21/15		60.30	41.95	56.24	0.216	13.12	7.59	NM	3.69	53
	04/26/16		60.30	41.00	57.19	0.291	12.05	7.38	NM	9.10	86
	01/17/17		60.30	40.10	58.09	1.150	10.36	6.55	NM	3.11	-110
	10/03/17		60.30	48.24	49.95	2.030	16.61	7.69	98	7.62	-6
	07/24/18		60.30	48.56	49.63	1.990	17.48	7.46	157	14.91	22
4A	04/05/01	96.90	20.03	8.91	87.99	NM	NM	NM	NM	NM	NM
	10/15/02		-	13.19	83.71	0.120	16.0	7.16	97	6.3	82
	01/29/03		-	11.81	85.09	0.110	10.5	6.85	95	6.7	124
	04/28/03		-	10.70	86.20	0.100	19.3	6.56	500	5.7	NM
	09/24/03		-	13.85	83.05	0.053	NM	6.63	NM	NM	NM
	04/22/13		19.97	10.73	86.17	0.145	11.98	7.00	NM	6.50	19
	01/21/14		20.00	11.94	84.96	0.121	10.09	6.91	NM	8.16	186
	10/07/14		20.00	13.47	83.43	0.206	16.66	6.50	NM	5.94	-21
	07/21/15		20.00	12.02	84.88	0.088	12.42	7.62	NM	2.20	32
	04/26/16		20.00	11.13	85.77	0.118	11.79	7.31	NM	7.10	112
	01/17/17		20.00	10.85	86.05	0.888	10.07	7.14	28	4.82	56
	10/03/17		20.00	13.24	83.66	0.867	18.00	7.63	NM	8.84	26
	07/24/18		20.00	12.78	84.12	1.140	17.86	7.80	NM	6.73	56
4B	04/05/01	96.76	40.18	32.85	63.91	NM	NM	NM	NM	NM	NM
	10/15/02		-	38.78	57.98	NM	NM	NM	NM	NM	NM
	01/29/03		-	37.99	58.77	0.089	11.1	6.45	87	9.3	174
	04/28/03		-	33.35	63.41	0.083	17.3	6.78	700	7.0	NM
	09/24/03		-	39.01	57.75	0.017	NM	7.14	NM	NM	NM
	04/22/13		40.21	33.83	62.93	0.126	13.32	6.99	226	6.50	16
	01/21/14		40.17	36.65	60.11	0.102	8.32	7.36	NM	8.72	183
	10/07/14		40.15	38.92	57.84	0.312	15.03	7.20	NM	7.77	-64
	07/21/15		40.15	37.72	59.04	0.078	13.59	7.65	NM	4.86	69
	04/26/16		40.15	37.05	59.71	0.100	13.33	7.76	NM	11.71	89
	01/17/17		40.15	36.20	60.56	2.180	9.98	7.56	NM	3.31	-116
	10/03/17		40.15	38.58	58.18	NM	NM	NM	NM	NM	NM
	07/24/18		40.15	38.61	58.15	NM	NM	NM	NM	NM	NM

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
4C	04/05/01	96.50	60.20	34.73	61.77	NM	NM	NM	NM	NM	NM
	10/15/02		-	49.03	47.47	0.140	12.5	7.69	5	8.9	77
	01/29/03		-	41.15	55.35	0.150	12.8	7.01	160	9.2	115
	04/28/03		-	34.52	61.98	0.140	15.6	6.90	200	9.5	NM
	09/24/03		-	48.96	47.54	0.062	NM	6.78	NM	NM	NM
	04/22/13		60.17	36.42	60.08	0.301	13.65	4.69	246	6.17	16
	01/21/14		62.30	39.62	56.88	0.269	6.31	7.60	NM	10.22	167
	10/07/14		62.30	48.26	48.24	0.309	15.26	6.10	NM	8.51	21
	07/21/15		62.30	40.55	55.95	0.218	13.41	7.69	NM	4.12	-30
	04/26/16		62.30	38.12	58.38	0.275	12.82	7.09	NM	8.24	109
	01/17/17		62.30	36.60	59.90	1.110	9.25	9.96	27	2.95	-104
	10/03/17		62.30	46.93	49.57	2.070	15.80	7.89	121	7.46	-31
	07/24/18		62.25	46.75	49.75	1.890	16.80	7.32	854	6.28	60
5A	09/24/03	96.52	22.48	21.98	74.54	0.016	NM	7.29	NM	NM	NM
	04/22/13		22.50	19.81	76.71	0.150	8.49	5.69	5	8.59	99
	01/21/14		22.59	20.01	76.51	0.128	4.66	7.32	NM	10.74	220
	10/07/14		22.50	20.84	75.68	0.147	16.28	6.30	NM	11.49	41
	07/21/15		22.50	20.27	76.25	0.077	13.40	7.95	NM	3.95	47
	04/26/16		22.50	19.59	76.93	0.117	13.21	7.26	NM	9.85	154
	01/17/17		22.50	18.49	78.03	1.260	9.14	8.11	16	4.46	19
	10/03/17		22.50	19.57	76.95	0.432	17.21	9.66	NM	9.77	-117
	07/24/18		22.55	20.03	76.49	0.711	17.30	8.19	701	15.89	38
5D	09/24/03	96.19	111.88	106.14	-9.95	0.173	NM	7.10	NM	NM	NM
	04/22/13		111.88	40.20	55.99	2.70	13.19	10.47	648	6.78	-152
	01/21/14		112.00	51.80	44.39	1.77	10.11	12.59	NM	8.45	-6
	10/07/14		112.00	45.61	50.58	2.05	14.46	8.50	NM	9.75	-177
	07/21/15		112.00	45.56	50.63	1.10	13.81	12.60	NM	0.92	-176
	04/26/16		112.00	44.93	51.26	1.19	13.12	12.12	NM	6.80	-12
	01/17/17		112.00	46.26	49.93	3.65	9.11	10.40	37	2.44	14
	10/03/17		112.00	49.59	46.60	11.60	13.80	13.77	NM	3.28	-159
	07/24/18		112.00	55.17	41.02	9.63	16.51	11.86	19	6.81	-77
6A	09/24/03	102.73	22.50	17.75	84.98	0.016	NM	6.71	NM	NM	NM
	04/22/13		23.50	13.15	89.58	0.097	8.66	8.57	NM	5.40	-48
	01/21/14		23.50	14.69	88.04	0.303	9.22	8.86	NM	8.94	23
	10/07/14		23.50	17.00	85.73	0.047	15.07	5.80	NM	9.21	-8
	07/21/15		23.50	15.22	87.51	0.031	13.26	8.61	NM	6.48	45
	04/26/16		23.50	14.35	88.38	0.053	11.02	10.61	NM	9.69	4
	01/17/17		23.50	11.05	91.68	0.743	6.20	6.60	52.4	3.65	-25
	10/03/17		23.50	17.60	85.13	0.398	16.23	7.60	433.0	9.30	-233
	07/24/18		23.50	13.13	89.60	0.537	18.56	10.04	28.2	6.02	-25

TABLE 1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

Summary of Groundwater Elevations and Field Measurements

Well ID	Date	Top of Casing Elevation (feet) ¹⁾	Total Depth (feet)	Depth to Water (ft btoc) ²⁾	Groundwater Elevation (feet)	Conductivity (S/m) ³⁾	Temperature (°C)	pH	Turbidity (NTU) ⁴⁾	Dissolved Oxygen (mg/l) ⁵⁾	ORP ⁶⁾ (mV) ⁷⁾
6D	09/24/03	103.03	112.28	108.58	-5.55	0.148	NM	7.28	NM	NM	NM
	04/22/13		112.28	43.20	59.83	1.80	11.43	9.83	431	6.17	-95
	01/21/14		112.60	46.26	56.77	0.359	4.23	10.27	NM	9.00	87
	10/07/14		112.60	54.54	48.49	0.078	13.93	6.90	NM	8.83	-93
	07/21/15		112.60	47.00	56.03	0.071	13.32	10.07	NM	3.69	-4
	04/26/16		112.60	44.52	58.51	0.757	11.35	9.08	NM	7.21	71
	01/17/17		112.60	43.34	59.69	6.560	9.55	5.89	22	2.89	34
	10/03/17		112.60	53.20	49.83	6.010	14.95	11.22	111	9.41	-348
	07/24/18		112.60	51.83	51.20	4.900	16.64	10.46	NM	16.81	-18
7A	09/24/03	106.31	22.52	Dry	-	-	-	-	-	-	-
	04/22/13		22.55	11.00	95.31	0.379	11.92	8.84	973	4.44	-126
	01/21/14		22.59	11.20	95.11	0.009	9.67	7.13	NM	10.83	127
	10/07/14		22.55	22.00	84.31	0.603	15.77	7.40	NM	6.69	-220
	07/21/15		22.55	15.11	91.20	0.080	14.43	7.75	NM	4.60	93
	04/26/16		22.55	12.77	93.54	0.128	11.98	11.81	NM	9.43	69
	01/17/17		22.60	9.04	97.27	1.960	6.20	7.08	19	4.60	-23
	10/03/17		22.60	22.51	83.80	NM	NM	NM	NM	NM	NM
	07/24/18		22.55	22.51	83.80	NM	NM	NM	NM	NM	NM
7D	09/24/03	105.98	112.15	59.83	46.15	0.016	NM	7.19	NM	NM	NM
	04/22/13		112.15	46.90	59.08	1.800	13.42	9.94	197	3.34	-230
	01/21/14		112.10	50.05	55.93	0.685	11.24	7.75	NM	12.42	-532
	10/07/14		112.60	58.58	47.40	0.818	13.15	7.50	NM	8.71	-467
	07/21/15		112.60	50.95	55.03	0.216	13.40	7.41	NM	4.26	58
	04/26/16		112.60	40.56	65.42	0.638	13.54	11.72	NM	8.26	7
	01/17/17		112.15	49.10	56.88	1.960	9.18	7.96	118	2.18	109
	10/03/17		112.15	57.15	48.83	4.660	15.53	10.02	116	4.53	-244
	07/24/18		112.15	56.80	49.18	4.130	17.48	10.46	18	6.60	-184

1) Elevations referenced to arbitrary datum

2) Feet below top of casing

3) Siemens per meter

4) Nephelometric turbidity units

5) Milligrams per liter

6) Oxydation reduction potential

7) Millivolts

8) Not measured

TABLE 2.1

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #1 Well Cluster
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	1,2,4-Tri-methylbenzene	1,3,5-Tri-methylbenzene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
1A	04/05/01	2	2	6	75	45	14	730	300	23
	10/15/02	7	ND	ND	53	ND	ND	860	340	ND
	01/31/03	12	ND	3	23	3	ND	610	190	3
	04/30/03	ND	ND	ND	12	ND	ND	310	82	ND
	09/24/03	12	ND	3	25	ND	ND	390	130	ND
	10/16/03	10	ND	3	49	ND	ND	360	140	ND
	04/23/13	ND	ND	ND	40	ND	ND	740	300	ND
	01/23/14	ND	ND	ND	25	ND	ND	160	140	ND
	10/08/14	ND	ND	ND	9.8	ND	ND	61	31	ND
	07/21/15	0.95	ND	0.31 J	11	ND	ND	190	100	0.63
	04/28/16	ND	ND	ND	14	ND	ND	200	150	ND
	01/18/17	ND	ND	ND	1.2	0.32 J	ND	18	7.6	0.25 J
	10/03/17	1.4	ND	ND	4.4	ND	ND	75	35	ND
	07/25/18	0.23 J	0.44 J	ND	22	ND	ND	110	120	0.42 J
1B	04/05/01	27	1	7	70	34	11	670	290	20
	10/15/02	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS	NS	NS
	04/30/03	5	ND	ND	10	ND	ND	140	25	ND
	09/24/03	16	3	ND	8	ND	ND	280	27	ND
	04/23/13	ND	ND	ND	40	ND	ND	18	<5	ND
	01/23/14	ND	ND	ND	3 J	ND	ND	25	8.1	ND
	10/08/14	0.27 J	ND	ND	9.1	ND	ND	76	42	ND
	07/21/15	ND	ND	ND	0.29 J	ND	ND	4.4	1.6	ND
	04/28/16	ND	ND	ND	1.8	ND	ND	30	9.4	ND
	01/18/17	1.8	0.41 J	0.29 J	2.2	ND	ND	29	8.8	ND
	10/03/17	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/25/18	NS	NS	NS	NS	NS	NS	NS	NS	NS
1C	04/05/01	5	ND	ND	3	ND	ND	44	9	ND
	10/15/02	3	2	1	ND	ND	ND	3	ND	ND
	01/31/03	3	ND	ND	2	ND	ND	25	8	ND
	04/30/03	3	4	2	ND	ND	ND	10	1	ND
	09/24/03	4	3	2	ND	ND	ND	ND	ND	ND
	10/16/03	3	3	3	ND	ND	ND	2	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/08/14	0.39 J	0.49 J	0.39 J	0.48 J	ND	ND	4.8	2.7	ND
	07/21/15	1.0	2.4	1.8	ND	ND	ND	0.58	0.27 J	ND
	04/28/16	0.53	3.1	1.5	0.23 J	ND	ND	5.8	4.5	ND
	01/18/17	0.8	3.1	2	ND	ND	ND	0.78	0.32 J	ND
	10/03/17	0.52	0.97	ND	ND	ND	ND	ND	ND	ND
	07/25/18	0.57	0.89	0.82	ND	ND	ND	ND	ND	ND
1D	09/24/03	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/08/14	ND	ND	ND	ND	ND	ND	1	0.35 J	ND
	07/21/15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	0.89	0.48 J	ND
	07/21/15	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	0.89	0.48 J	ND
	01/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/03/17	ND	ND	ND	ND	0.34 J	ND	ND	ND	ND
	07/25/18	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC GWQS ¹⁾		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.2

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #2 Well Cluster
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
2 A	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	ND	ND	ND	ND	ND	ND	ND
	01/31/03	ND	ND	ND	ND	ND	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/24/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	0.94	0.69	ND	ND	ND	ND
	07/21/15	ND	ND	ND	ND	ND	ND	ND
	04/27/16	ND	ND	ND	ND	ND	ND	ND
	01/17/17	ND	ND	ND	ND	ND	ND	ND
	10/03/17	ND	ND	ND	ND	ND	ND	ND
	07/24/18	ND	ND	ND	ND	ND	ND	ND
2 B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	NS	NS	NS	NS	NS	NS	NS
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/24/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	1.4	0.85	ND	ND	ND	ND
	07/21/15	1.2	2.6	1.7	0.47 J	ND	ND	ND
	04/27/16	ND	ND	ND	ND	0.31 J	ND	ND
	01/17/17	ND	ND	ND	ND	0.54	ND	ND
	10/03/17	NS	NS	NS	NS	NS	NS	NS
	07/24/18	NS	NS	NS	NS	NS	NS	NS
2 C	04/04/01	4	2	2	ND	ND	ND	ND
	10/15/02	3	2	2	ND	ND	ND	ND
	01/31/03	2	2	1	ND	ND	ND	ND
	04/30/03	3	7	3	ND	ND	ND	ND
	09/25/03	3	2	1	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	1.9	0.96	ND	ND	ND	ND
	07/21/15	1.2	2.8	1.8	ND	ND	ND	ND
	04/27/16	0.62	3	1.4	ND	ND	ND	ND
	01/17/17	0.9	3.2	2	ND	ND	ND	ND
	10/03/17	0.66	1.3	ND	ND	ND	ND	ND
	07/24/18	0.93	1.5	1.1	ND	ND	ND	ND
NYSDEC GWQS ¹⁾		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.3

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #3 Well Cluster
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
3 A	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	ND	ND	2	ND	2	ND	ND
	01/31/03	ND	2	<1	<1	2	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	2	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	0.85	1	0.75	ND	ND	ND	ND
	07/21/15	ND	ND	ND	ND	0.41 J	ND	ND
	04/27/16	ND	ND	ND	ND	ND	ND	ND
	01/17/17	ND	0.25 J	ND	ND	0.34 J	ND	ND
	10/03/17	ND	ND	ND	ND	0.35 J	ND	ND
	07/24/18	ND	ND	ND	ND	0.22 J	ND	ND
3 B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	ND	ND	ND	ND	ND	ND	ND
	04/30/03	ND	ND	ND	ND	ND	ND	ND
	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/21/15	1.2	1.3	0.92	ND	ND	ND	ND
	04/27/16	ND	ND	ND	ND	0.26 J	ND	ND
	01/17/17	ND	ND	ND	ND	0.5	ND	ND
	10/03/17	NS	NS	NS	NS	NS	NS	NS
	07/24/18	NS	NS	NS	NS	NS	NS	NS
3 C	04/04/01	3	1	ND	ND	ND	ND	ND
	10/15/02	2	2	1	ND	ND	ND	ND
	01/31/03	4	2	2	ND	ND	ND	ND
	04/30/03	3	3	1	ND	ND	ND	ND
	09/25/03	2	2	1	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	0.98	0.64	ND	ND	ND	ND
	07/21/15	1.2	1.3	0.92	ND	ND	ND	ND
	04/27/16	ND	ND	ND	ND	0.26 J	ND	ND
	01/17/17	ND	0.26 J	ND	ND	0.34 J	ND	ND
	10/03/17	0.62	0.99	ND	ND	ND	ND	ND
	07/24/18	1.2	1.5	0.98	ND	ND	ND	ND
NYSDEC GWQS ¹⁾		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.4

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #4 Well Cluster
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethylene	cis-1,2-Dichloro-ethylene	Tetrachloro-ethylene (PCE)	Trichloro-ethylene (TCE)	Vinyl Chloride
4A	04/04/01	ND	ND	ND	ND	5	ND	ND
	10/15/02	6	ND	ND	2	170	13	ND
	01/31/03	2	ND	ND	ND	110	9	ND
	04/30/03	ND	ND	ND	ND	48	3	ND
	09/25/03	4	2	ND	1	130	9	ND
	04/23/13	23	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	29	2.7 J	ND
	10/07/14	1.2	1.1	0.25 J	2	26	2.3	ND
	07/22/15	0.95	0.47 J	ND	0.92	28	2.0	ND
	04/27/16	0.59	0.51	ND	0.85	20	2.0	ND
	01/17/17	1.1	0.73	0.22 J	1.1	27	2.5	ND
	10/03/17	0.88	0.51	ND	1.3	25	2.8	ND
	07/24/18	0.83	0.33 J	ND	3.2	13	2.5	ND
4B	04/04/01	ND	ND	ND	ND	ND	ND	ND
	10/15/02	NS	NS	NS	NS	NS	NS	NS
	01/31/03	6	ND	1	5	68	12	ND
	04/30/03	8	ND	ND	11	88	20	ND
	09/25/03	ND	ND	ND	ND	14	3	ND
	04/23/13	3.7 J	ND	ND	18	67	28	ND
	01/22/14	3.3 J	ND	ND	13	58	20	ND
	10/07/14	1.2	1.2	0.22 J	2.2	27	2.2	ND
	07/22/15	1.3	ND	0.50	8.9	44	14	ND
	04/27/16	2.6	0.37 J	0.43 J	8.1	52	18	ND
	01/17/17	8.5	0.83	2.20	11	110	21	ND
	10/03/17	NS	NS	NS	NS	NS	NS	NS
	07/24/18	NS	NS	NS	NS	NS	NS	NS
4C	04/04/01	4	ND	ND	ND	15	3	ND
	10/15/02	7	1	2	2	54	7	ND
	01/31/03	2	ND	ND	1	20	4	ND
	04/30/03	4	4	3	ND	12	1	ND
	09/25/03	5	2	2	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	1.3	1.4	1	ND	ND	ND	ND
	07/22/15	1.3	ND	0.50	8.9	44	14	ND
	04/27/16	2.6	0.37 J	0.43 J	8.1	52	18	ND
	01/17/17	1.1	1.9	1.4	ND	0.45 J	ND	ND
	10/03/17	0.79	1.1	ND	ND	ND	ND	ND
	07/24/18	1.2	1.5	1.1	ND	ND	ND	ND
NYSDEC GWQS ¹⁾		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

ND = Not detected

NS = Not sampled

Exceeds NYSDEC GWQS

TABLE 2.5

**DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**Summary of Groundwater Quality - #5, 6, 7 Well Clusters
(all concentrations in micrograms per liter)**

Well ID	Date Sampled	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	cis-1,2-Dichloroethylene	Tetrachloroethylene (PCE)	Trichloroethylene (TCE)	Vinyl Chloride
5A	09/25/03	ND	ND	ND	ND	21	ND	ND
	04/23/13	ND	ND	ND	ND	9.7	ND	ND
	01/22/14	ND	ND	ND	ND	13	ND	ND
	10/07/14	0.36 J	0.55	ND	1.4	7.6	1	ND
	07/22/15	0.69	0.53	ND	0.92	11	1.2	ND
	04/27/16	0.33 J	0.41 J	ND	0.74	7.3	1.1	ND
	01/18/17	0.52	0.51	ND	0.81	11	1.4	ND
	10/04/17	0.9	0.55	ND	0.85	15	1.6	ND
5D	07/24/18	0.51	0.56	ND	0.65	11	1.4	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	0.31 J	ND	ND
	07/22/15	ND	ND	ND	ND	0.30 J	ND	ND
	04/27/16	ND	ND	ND	ND	0.30 J	ND	ND
	01/18/17	ND	ND	ND	ND	0.30 J	ND	ND
6A	10/04/17	ND	ND	ND	ND	0.20 J	ND	ND
	07/24/18	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
6D	01/18/17	ND	ND	ND	ND	ND	ND	ND
	10/04/17	ND	ND	ND	ND	ND	ND	ND
	07/25/18	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/22/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
	07/22/15	ND	ND	ND	ND	ND	ND	ND
7A	04/28/16	ND	ND	ND	ND	ND	ND	ND
	01/18/17	ND	ND	ND	ND	ND	ND	ND
	10/04/17	ND	ND	ND	ND	ND	ND	ND
	07/25/18	ND	ND	ND	ND	ND	ND	ND
	09/25/03	NS	NS	NS	NS	NS	NS	NS
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
	10/07/14	ND	ND	ND	ND	ND	ND	ND
7D	07/22/15	ND	ND	ND	ND	ND	ND	ND
	04/28/16	ND	ND	ND	ND	ND	ND	ND
	01/18/17	ND	ND	ND	ND	ND	ND	ND
	10/04/17	ND	ND	ND	ND	ND	ND	ND
	07/25/18	ND	ND	ND	ND	ND	ND	ND
	09/25/03	ND	ND	ND	ND	ND	ND	ND
	04/23/13	ND	ND	ND	ND	ND	ND	ND
	01/23/14	ND	ND	ND	ND	ND	ND	ND
NYSDEC GWQS ¹⁾		5.0	5.0	5.0	5.0	5.0	5.0	2.0

1) - New York State Department of Environmental Conservation Ground Water Quality Standards

ND = Not detected

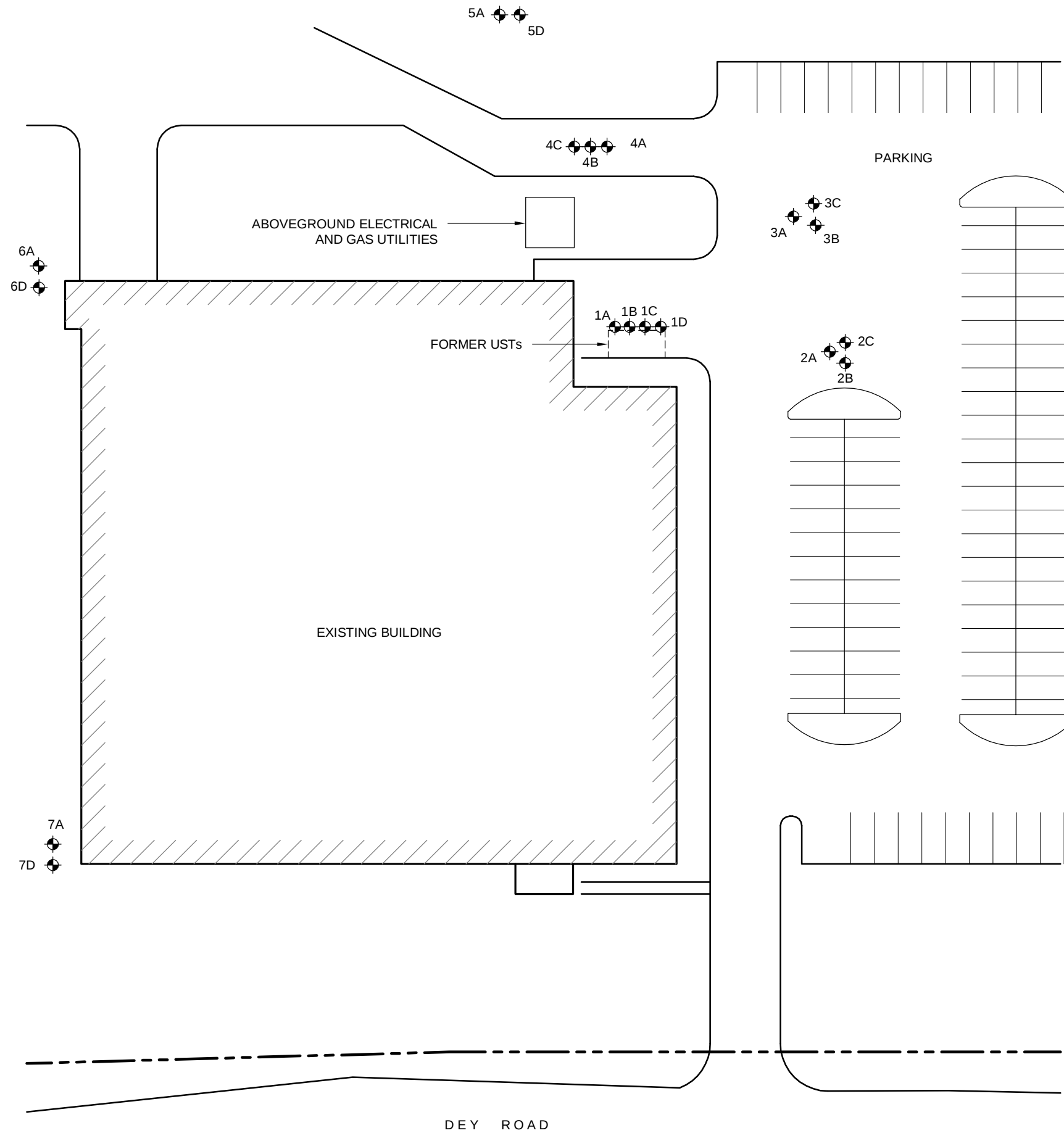
NS = Not sampled

Exceeds NYSDEC GWQS

FIGURES



O:\DWG\DELUXE\F1_SitePlan.dwg, Layout1, 12/6/2018 10:02:40 AM, PDF-XChange for AcroPlot Pro



LEGEND

- PROPERTY LINE
- 1A MONITOR WELL IDENTIFICATION AND LOCATION

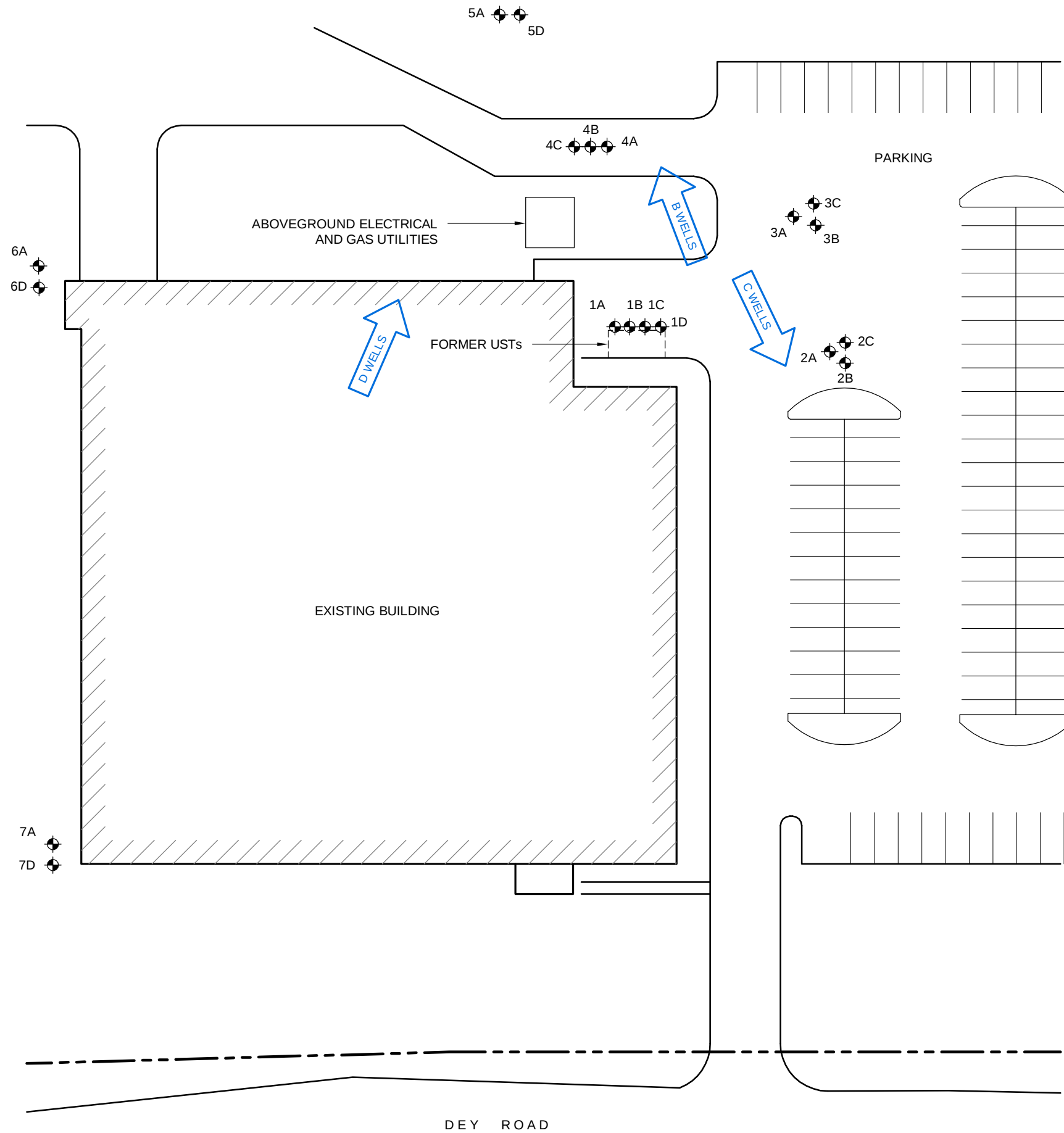
DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

SITE PLAN

DATE	REVISED	PREPARED BY:			
		 WSP USA 4 Westchester Park Drive Suite 175 White Plains, New York 10604 (914) 694-5711			
DRAWN:	RAC	CHECKED:	JW	DATE:	12/06/18
				FIGURE:	1

0 40
SCALE IN FEET

O:\DWG\DELUXE\2018\F3\Jul2018.dwg, Layout1, 12/6/2018 11:24:58 AM, PDF-XChange for AutoPlot Pro



LEGEND

- PROPERTY LINE
- MONITOR WELL IDENTIFICATION AND LOCATION
- 1A
- B WELLS
- DIRECTION OF GROUNDWATER FLOW

DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

GENERALIZED GROUNDWATER FLOW DIRECTIONS IN "B",
"C" AND "D" BEDROCK MONITOR WELLS - JULY 24, 2018

DATE	REVISED	PREPARED BY:		
		 WSP USA 4 Westchester Park Drive Suite 175 White Plains, New York 10604 (914) 694-5711		
DRAWN:	RAC	CHECKED:	JW	DATE: 12/06/18
				FIGURE: 3



APPENDIX A

DECLARATION of COVENANTS and RESTRICTIONS

THIS DECLARATION of COVENANTS and RESTRICTIONS is made the 28th day of December, 2011, by M. S. Kennedy Corp. ("M. S. Kennedy"), a corporation organized and existing under the laws of the State of New York and having an office for the transaction of business at 4707 Dey Road, Liverpool, New York.

WHEREAS, Deluxe Corporation Former Check Printing Site is the subject of a Voluntary Cleanup Agreement executed by Deluxe Corporation ("Deluxe") as part of the New York State Department of Environmental Conservation's (the "Department's") Voluntary Cleanup Program, namely that parcel of real property located on 4707 Dey Road in the Town of Clay, County of Onondaga, State of New York, which is part of lands conveyed by Deluxe Financial Services, Inc. to M. S. Kennedy by deed dated December 29, 1999 and recorded in the Onondaga County Clerk's Office in Liber and Page 4383/287, and being more particularly described in Appendix "A," attached to this declaration and made a part hereof, and hereinafter referred to as the "Property"; and

WHEREAS, the Department approved a remedy to eliminate or mitigate all significant threats to the environment presented by the contamination disposed at the Property and such remedy requires that the Property be subject to restrictive covenants.

NOW, THEREFORE, M. S. Kennedy, as the current owner of the Property, for itself and its successors and/or assigns, covenants that:

First, the Property subject to this Declaration of Covenants and Restrictions is as shown on a map attached to this declaration as Appendix "B" and made a part hereof.

Second, unless prior written approval by the Department or, if the Department shall no longer exist, any New York State agency or agencies subsequently created to protect the environment of the State and the health of the State's citizens, hereinafter referred to as "the Relevant Agency," is first obtained, where contamination remains at the Property subject to the provisions of the Site Management Plan ("SMP"), there shall be no construction, use or occupancy of the Property that results in the disturbance or excavation of the Property which threatens the integrity of the engineering controls or which results in unacceptable human exposure to contaminated groundwater.

Third, the owner of the Property shall not disturb, remove, or otherwise interfere with the installation, use, operation, and maintenance of engineering controls required for the remedy, which are described in the SMP, unless in each instance the owner first obtains a written waiver of such prohibition from the Department or Relevant Agency.

* This document is being rerecorded to include Appendices A & B which were inadvertently omitted on the prior recorded document

Fourth, the owner of the Property shall prohibit the Property from ever being used for purposes other than for Commercial or Industrial use without the express written waiver of such prohibition by the Department or Relevant Agency.

Fifth, the owner of the Property shall prohibit the use of the groundwater underlying the Property without treatment rendering it safe for drinking water or industrial purposes, as appropriate, unless the user first obtains permission to do so from the Department or Relevant Agency.

Sixth, the owner of the Property shall provide a periodic certification prepared and submitted by a professional engineer or environmental professional acceptable to the Department or Relevant Agency, which will certify that the institutional and engineering controls put in place are unchanged from the previous certification, comply with the SMP, and have not been impaired, unless such periodic certification has been timely provided to the Department or Relevant Agency by Deluxe or Deluxe's successors or assigns.

Seventh, the owner of the Property shall continue in full force and effect any institutional and engineering controls required for the remedy and maintain such controls, unless Deluxe or Deluxe's successors or assigns have timely continued in full force and effect any such institutional and engineering controls and maintained such controls, or permission to discontinue such controls is first obtained from the Department or Relevant Agency, in compliance with the approved SMP, which is incorporated and made enforceable hereto, subject to modifications as approved by the Department or Relevant Agency.

Eighth, this Declaration is and shall be deemed a covenant that shall run with the land and shall be binding upon all future owners of the Property, and shall provide that the owner and its successors and assigns consent to enforcement by the Department or Relevant Agency of the prohibitions and restrictions that the Voluntary Cleanup Agreement requires to be recorded, and hereby covenant not to contest the authority of the Department or Relevant Agency to seek enforcement.

Ninth, any deed of conveyance of the Property, or any portion thereof, shall recite, unless the Department or Relevant Agency has consented to the termination of such covenants and restrictions, that said conveyance is subject to this Declaration of Covenants and

Restrictions.

IN WITNESS WHEREOF, the undersigned has executed this instrument the day written below.

M. S. KENNEDY CORP.

By: Richard Roehm

Print Name: RICHARD ROEHM

Title: GM Date: 12/28/11

ACKNOWLEDGEMENT OF DELUXE CORPORATION

Deluxe Corporation hereby acknowledges that it is a former owner of the above-referenced Property and that it continues to have certain obligations under the above-referenced Voluntary Cleanup Agreement to undertake periodic monitoring at the Property and to submit annual certifications to the New York State Department of Environmental Conservation.

DELUXE CORPORATION

By: Terry D. Peterson

Print Name: Terry D. Peterson

Title: CFO+SVP Date: 12-19-2011

STATE OF NEW YORK)
) s.s.:
COUNTY OF ONONDAGA)

On the 28th day of December, in the year 2011, before me, the undersigned, personally appeared Richard Roehm, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

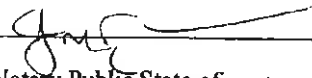
Sharon E. Blum
Notary Public State of New York

Sharon E. Blum
Notary Public in the State of New York
Qualified in Onondaga County
#01906821368

My Commission Expires on March 15, 2015

STATE OF MINNESOTA)
) s.s.:
COUNTY OF RAMSEY)

On the 19th day of December, in the year 2011, before me, the undersigned, personally appeared Terry D. Peterson, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


Notary Public State of Minnesota



STATE OF MINNESOTA
COUNTY OF RAMSEY
JUN 27 2012
NOTARY PUBLIC
SIGNATURE

 to

APPENDIX A

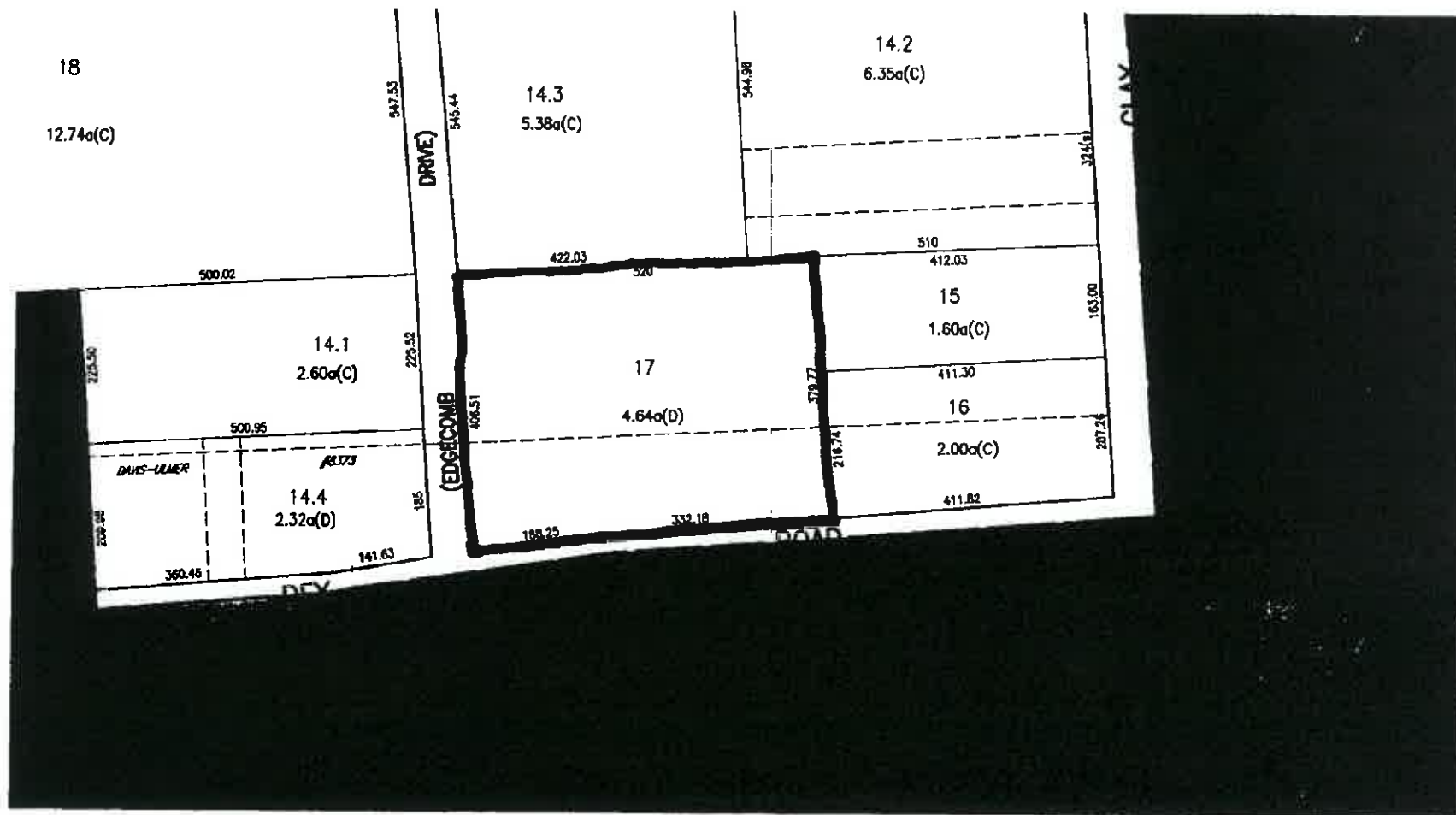
Metes and Bounds Description of the Controlled Property
from Schedule "A" to Deed dated December 29, 1999,
and recorded in Onondaga County Deeds Liber 4383, page 287 on January 3, 2000

Schedule "A"

ALL THAT TRACT OR PARCEL OF LAND, situate in the Town of Clay, County of Onondaga and State of New York and being Part of Farm Lot 76 – BEGINNING at a point on the northerly line of Deys Road South 89° 09' 30" West 411.22 feet from the intersection of said northerly line of Deys Road with the westerly line of Seventh North Street (as widened), running thence from the above mentioned point of beginning South 89° 09' 30" West along the northerly line of Deys Road 332.18 feet to an angle point in said Deys Road, thence South 84° 39' 30" West along the northerly line of Deys Road 188.25 feet, thence North 0° 50' 30" West 406.51 feet, thence South 89° 31' 20" East 520.0 feet, thence South 0° 50' 30" East 379.77 feet to the northerly line of Deys Road and the place of beginning.

APPENDIX B

Map of Controlled Property
Tax Map #095.02-17.0
Excerpt from Section Map 95
Town of Clay, Onondaga County, NY
Onondaga County Finance Department
dated March 1, 2011



APPENDIX B



WSP USA

4 Westchester Park Drive, Suite 175
White Plains, New York 10604
(914) 694-5711

Client:

Location:

Deluxe
4707 Dey Rd
Liverpool, NY

Weather/Comments:

7/24/18 + 7/25/18
80° RAIN

Date:

Professional:

MR

Field Dups: 4A MS/MS.D = 4C

Well Identification	Time Gauged	Depth to Product (ft btoc)	Depth to Groundwater (ft btoc)	Product Thickness (ft)	Total Depth (ft btoc)	GW Evacuated calc/actual (gallons)	FIELD PARAMETERS					Time Sampled		
							pH	Conductivity (mS/cm)	Turbidity NTU	DO (mg/l)	Temp (C)		ORP (mV)	
1A	0725	-	13.83	-	20.15	12.3	12.4	9.40	1.57	103	9.52	17.36	19	1130
1B	0735	-	39.62	-	40.35	NS		-	-	-	-	-	-	NS
1C	0738	-	49.83	-	60.40	40	40	8.48	1.93	0	8.37	16.33	32	1250
1D	0740	-	44.32	-	109.50	-25.04	12.39		3.12	0	2.50	16.88	-84	1450
2A	0750	-	13.00	-	20.10	3.4	3.5	7.31	3.03	842	7.92	22.80	88	1040
2B	0752	-	39.92	-	40.15	-		-	-	-	-	-	-	NS
2C	0753	-	49.53	-	61.00	5.5	6	6.66	1.56	361	13.48	18.58	123	1100
3A	0800	-	13.75	-	20.00	3	3	7.12	1.859	0	16.04	19.70	46	1200
3B	0803	-	39.90	-	40.10	-		-	-	-	-	-	-	NS
3C	0805	-	48.56	-	60.30	5.6	6	7.46	1.99	157	14.91	17.48	22	1240
4A	0815	-	12.78	-	20.00	3.1	3.5	7.80	1.14	0	6.73	17.86	56	1345
4B	0823	-	38.61	-	40.00	NS		-	-	-	-	-	-	NS
4C	0825	-	46.75	-	62.25	7.44	7.5	7.32	1.89	854	6.78	16.80	60	1445
5A	0840	-	20.03	-	22.55	12.15	2	8.19	0.711	701	15.89	17.30	38	1530
5D	0842	-	55.17	-	112.00	-40	41	11.86	9.63	18.9	6.81	16.51	-77	1645
6A	0900	-	13.13	-	22.50	4.49	4.5	10.04	0.537	28.2	6.02	18.56	-25	0850
6D	0902	-	51.83	-	112.50	-20	20	10.46	4.90	0	16.81	16.64	-18	1050
7A	0920	-	22.51	-	22.55	-		-	-	-	-	-	-	NS
7D	0921	-	56.80	-	112.10	-20	20	10.46	4.13	18.1	6.60	17.48	-184	125 0800
MS/MS.D	-	4C	7124	118	-	-		-	-	-	-	-	-	1445
FD	-	4A	7124	118	-	-		-	-	-	-	-	-	1345 note

7/25/18 1500

APPENDIX C



24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING		Generator EPA ID #		1. Document No. SYR17176		2. Page 1 of 1	
3. Generator's Name and Mailing Address WSP USA 4 WESTCHESTER PARK DRIVE, SUITE 175 WHITE PLAINS NY 10605				Site Address 4707 DEY ROAD LIVERPOOL NY 13088			
4. Generator's Phone (914) 329-1392							
5. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC		6. EPA ID # NYR000115733		A. State Transporter's ID 93866 MG (NY)		B. Transporter 1 Phone 800 843-8265	
7. Transporter 2 Company Name		8. EPA ID #		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 532 STATE FAIR BLVD. SYRACUSE NY 13204 HM				10. EPA ID # NYR000115733		E. State Facility's ID	
				F. Facility's Phone 800 843-8265			
11. Shipping Name		12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-RCRA, NON-DOT, LIQUIDS, N.O.S. (TRACE ORGANICS CONTAMINATED WATER)		4 DM		185		G	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above							
a. APP :# 0718165-OT, 4X55 GAL							
c. JOB #N18024							
b.							
d.							
15. Special Handling Instructions and Additional Information 1)							
16. GENERATOR'S CERTIFICATION: I hereby certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulation of the Department of Transportation. The materials described on this document are not subject to federal uniform hazardous waste manifest requirements.							
Printed/Typed Name Mike Reiff, AS Agent for Delux Inc				Signature [Signature]		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Anthony Woolson		Date 07 26 18	
Printed/Typed Name Anthony Woolson				Signature [Signature]		Date Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year	
Printed/Typed Name				Signature		Date Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the materials covered by this bill of lading except as noted in item 19.							
Printed/Typed Name GWA GRAHAM				Signature [Signature]		Date 7 26 18	

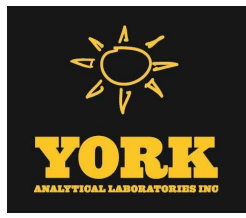
GENERATOR

TRANSPORTER

FACILITY

BILL OF LADING

APPENDIX D



Technical Report

prepared for:

WSP USA, Inc. (White Plains)
4 Westchester Park Drive, Suite 175
White Plains NY, 10604
Attention: Jorma Weber

Report Date: 08/07/2018
Client Project ID: 770510.DLXLVP.00
York Project (SDG) No.: 18G1276

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
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STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/07/2018
Client Project ID: 770510.DLXLVP.00
York Project (SDG) No.: 18G1276

WSP USA, Inc. (White Plains)
4 Westchester Park Drive, Suite 175
White Plains NY, 10604
Attention: Jorma Weber

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 July 31, 2018 and listed below. The project was identified as your project: **770510.DLXLVP.00**.

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 Sample and Analysis Qualifiers 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 Sample and Data Qualifiers Relating to This Work Order section of 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
18G1276-01	1A	Water	07/25/2018	07/31/2018
18G1276-02	1C	Water	07/25/2018	07/31/2018
18G1276-03	1D	Water	07/25/2018	07/31/2018
18G1276-04	2A	Water	07/24/2018	07/31/2018
18G1276-05	2C	Water	07/24/2018	07/31/2018
18G1276-06	3A	Water	07/24/2018	07/31/2018
18G1276-07	3C	Water	07/24/2018	07/31/2018
18G1276-08	4A	Water	07/24/2018	07/31/2018
18G1276-09	4C	Water	07/24/2018	07/31/2018
18G1276-10	5A	Water	07/24/2018	07/31/2018
18G1276-11	5D	Water	07/24/2018	07/31/2018
18G1276-12	6A	Water	07/25/2018	07/31/2018
18G1276-13	6D	Water	07/25/2018	07/31/2018
18G1276-14	7D	Water	07/25/2018	07/31/2018
18G1276-15	Field Duplicate	Water	07/24/2018	07/31/2018
18G1276-16	Field Blank	Water	07/25/2018	07/31/2018
18G1276-17	Trip Blank	Water	07/25/2018	07/31/2018

General Notes for York Project (SDG) No.: 18G1276

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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. 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:



Benjamin Gulizia
Laboratory Director

Date: 08/07/2018





Sample Information

Client Sample ID: 1A

York Sample ID: 18G1276-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 11:30 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
71-55-6	1,1,1-Trichloroethane	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-34-3	1,1-Dichloroethane	0.44	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP



Sample Information

Client Sample ID: 1A

York Sample ID: 18G1276-01

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 11:30 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
67-64-1	Acetone	5.2	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
67-66-3	Chloroform	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
156-59-2	cis-1,2-Dichloroethylene	22		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP



Sample Information

Client Sample ID: 1A

York Sample ID: 18G1276-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 11:30 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
127-18-4	Tetrachloroethylene	110	QL-02	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 11:05	AS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
156-60-5	trans-1,2-Dichloroethylene	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 20:54	PP
79-01-6	Trichloroethylene	120		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
75-01-4	Vinyl Chloride	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:54	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 20:54	PP



Sample Information

Client Sample ID: 1A

York Sample ID: 18G1276-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 11:30 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: Toluene-d8	93.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	108 %			79-122						

Sample Information

Client Sample ID: 1C

York Sample ID: 18G1276-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 12:50 pm

07/31/2018

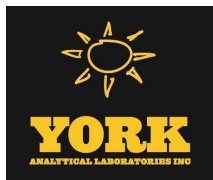
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
71-55-6	1,1,1-Trichloroethane	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-34-3	1,1-Dichloroethane	0.89		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-35-4	1,1-Dichloroethylene	0.82		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP



Sample Information

Client Sample ID: 1C

York Sample ID: 18G1276-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 12:50 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP



Sample Information

Client Sample ID: 1C

York Sample ID: 18G1276-02

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 12:50 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP



Sample Information

Client Sample ID: 1C

York Sample ID: 18G1276-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 12:50 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:04	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:04	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:04	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	110 %	79-122								

Sample Information

Client Sample ID: 1D

York Sample ID: 18G1276-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 2:50 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP



Sample Information

Client Sample ID: 1D

York Sample ID: 18G1276-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 2:50 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
108-10-1	4-Methyl-2-pentanone	0.53		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
67-64-1	Acetone	13	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
71-43-2	Benzene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP



Sample Information

Client Sample ID: 1D

York Sample ID: 18G1276-03

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 2:50 pm

Date Received

07/31/2018

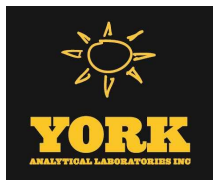
Volatile Organics, 8260 - Comprehensive

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP



Sample Information

Client Sample ID: 1D

York Sample ID: 18G1276-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 2:50 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
108-88-3	Toluene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:31	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:31	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:31	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	119 %	79-122								

Sample Information

Client Sample ID: 2A

York Sample ID: 18G1276-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 10:40 am

07/31/2018



Sample Information

Client Sample ID: 2A

York Sample ID: 18G1276-04

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 10:40 am

Date Received

07/31/2018

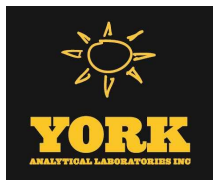
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
67-64-1	Acetone	4.6	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP



Sample Information

Client Sample ID: 2A

York Sample ID: 18G1276-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 10:40 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
75-15-0	Carbon disulfide	0.44	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 15:59	PP



Sample Information

Client Sample ID: 2A

York Sample ID: 18G1276-04

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 10:40 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:59	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 15:59	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 15:59	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	113 %	79-122								



Sample Information

Client Sample ID: 2A

York Sample ID: 18G1276-04

<u>York Project (SDG) No.</u> 18G1276	<u>Client Project ID</u> 770510.DLXLVP.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 24, 2018 10:40 am	<u>Date Received</u> 07/31/2018
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Sample Information

Client Sample ID: 2C

York Sample ID: 18G1276-05

<u>York Project (SDG) No.</u> 18G1276	<u>Client Project ID</u> 770510.DLXLVP.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 24, 2018 11:00 am	<u>Date Received</u> 07/31/2018
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
71-55-6	1,1,1-Trichloroethane	0.93		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-34-3	1,1-Dichloroethane	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-35-4	1,1-Dichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP



Sample Information

Client Sample ID: 2C

York Sample ID: 18G1276-05

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 11:00 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP



Sample Information

Client Sample ID: 2C

York Sample ID: 18G1276-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 11:00 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 16:28	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP



Sample Information

Client Sample ID: 2C

York Sample ID: 18G1276-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 11:00 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:28	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 16:28	PP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %		69-130							
2037-26-5	Surrogate: Toluene-d8	93.5 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	110 %		79-122							

Sample Information

Client Sample ID: 3A

York Sample ID: 18G1276-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 12:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP



Sample Information

Client Sample ID: 3A

York Sample ID: 18G1276-06

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 12:00 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 16:56	PP



Sample Information

Client Sample ID: 3A

York Sample ID: 18G1276-06

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 12:00 pm

Date Received
07/31/2018

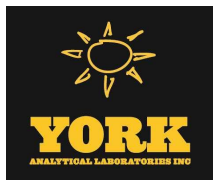
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP



Sample Information

Client Sample ID: 3A

York Sample ID: 18G1276-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 12:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
127-18-4	Tetrachloroethylene	0.22	QL-02, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 16:56	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 16:56	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 16:56	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	90.8 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	79-122								

Sample Information

Client Sample ID: 3C

York Sample ID: 18G1276-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 12:40 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP



Sample Information

Client Sample ID: 3C

York Sample ID: 18G1276-07

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 12:40 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-34-3	1,1-Dichloroethane	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-35-4	1,1-Dichloroethylene	0.98		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP



Sample Information

Client Sample ID: 3C

York Sample ID: 18G1276-07

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 12:40 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP



Sample Information

Client Sample ID: 3C

York Sample ID: 18G1276-07

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 12:40 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 17:25	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:25	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 17:25	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	95.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	112 %	79-122								



Sample Information

Client Sample ID: 4A

York Sample ID: 18G1276-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 1:45 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
71-55-6	1,1,1-Trichloroethane	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-34-3	1,1-Dichloroethane	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP



Sample Information

Client Sample ID: 4A

York Sample ID: 18G1276-08

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 1:45 pm

Date Received

07/31/2018

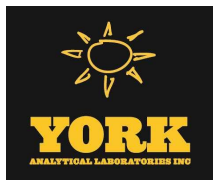
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
156-59-2	cis-1,2-Dichloroethylene	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 17:54	PP



Sample Information

Client Sample ID: 4A

York Sample ID: 18G1276-08

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 1:45 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
127-18-4	Tetrachloroethylene	13	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 17:54	PP
79-01-6	Trichloroethylene	2.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 17:54	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 17:54	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								



Sample Information

Client Sample ID: 4A

York Sample ID: 18G1276-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 1:45 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
2037-26-5	Surrogate: Toluene-d8	92.2 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	109 %			79-122						

Sample Information

Client Sample ID: 4C

York Sample ID: 18G1276-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 2:45 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-34-3	1,1-Dichloroethane	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-35-4	1,1-Dichloroethylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP



Sample Information

Client Sample ID: 4C

York Sample ID: 18G1276-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 2:45 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP



Sample Information

Client Sample ID: 4C

York Sample ID: 18G1276-09

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 2:45 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP



Sample Information

Client Sample ID: 4C

York Sample ID: 18G1276-09

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 2:45 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:00	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:00	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:00	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.0 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	79-122								

Sample Information

Client Sample ID: 5A

York Sample ID: 18G1276-10

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 3:30 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
71-55-6	1,1,1-Trichloroethane	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-34-3	1,1-Dichloroethane	0.56		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP



Sample Information

Client Sample ID: 5A

York Sample ID: 18G1276-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 3:30 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
67-64-1	Acetone	3.2	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 18:22	PP



Sample Information

Client Sample ID: 5A

York Sample ID: 18G1276-10

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 3:30 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
156-59-2	cis-1,2-Dichloroethylene	0.65		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP



Sample Information

Client Sample ID: 5A

York Sample ID: 18G1276-10

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 3:30 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
127-18-4	Tetrachloroethylene	11	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 18:22	PP
79-01-6	Trichloroethylene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:22	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 18:22	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	92.3 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	79-122								

Sample Information

Client Sample ID: 5D

York Sample ID: 18G1276-11

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 4:45 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: 5D

York Sample ID: 18G1276-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 4:45 pm

07/31/2018

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
67-64-1	Acetone	7.2	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP



Sample Information

Client Sample ID: 5D

York Sample ID: 18G1276-11

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 24, 2018 4:45 pm

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
71-43-2	Benzene	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP



Sample Information

Client Sample ID: 5D

York Sample ID: 18G1276-11

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 4:45 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
108-88-3	Toluene	0.23	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 18:51	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 18:51	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 18:51	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: Toluene-d8	98.5 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	79-122								



Sample Information

Client Sample ID: 5D

York Sample ID: 18G1276-11

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
18G1276	770510.DLXLVP.00	Water	July 24, 2018 4:45 pm	07/31/2018

Sample Information

Client Sample ID: 6A

York Sample ID: 18G1276-12

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
18G1276	770510.DLXLVP.00	Water	July 25, 2018 8:50 am	07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP



Sample Information

Client Sample ID: 6A

York Sample ID: 18G1276-12

York Project (SDG) No.
18G1276

Client Project ID
770510.DLXLVP.00

Matrix
Water

Collection Date/Time
July 25, 2018 8:50 am

Date Received
07/31/2018

Volatile Organics, 8260 - Comprehensive

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
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
108-10-1	4-Methyl-2-pentanone	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
67-64-1	Acetone	16	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP



Sample Information

Client Sample ID: 6A

York Sample ID: 18G1276-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 8:50 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
75-65-0	tert-Butyl alcohol (TBA)	2.2		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 19:20	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 19:20	PP



Sample Information

Client Sample ID: 6A

York Sample ID: 18G1276-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 8:50 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 19:20	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 19:20	PP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %		69-130							
2037-26-5	Surrogate: Toluene-d8	93.6 %		81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		79-122							

Sample Information

Client Sample ID: 6D

York Sample ID: 18G1276-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 10:50 am

07/31/2018

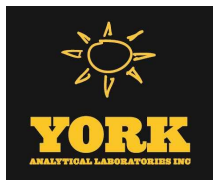
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP



Sample Information

Client Sample ID: 6D

York Sample ID: 18G1276-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 10:50 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
78-93-3	2-Butanone	3.3		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
67-64-1	Acetone	9.2	CCV-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
71-43-2	Benzene	0.65		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 20:18	PP



Sample Information

Client Sample ID: 6D

York Sample ID: 18G1276-13

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 10:50 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP



Sample Information

Client Sample ID: 6D

York Sample ID: 18G1276-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 10:50 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
108-88-3	Toluene	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 20:18	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 08:00	08/06/2018 20:18	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 08:00	08/06/2018 20:18	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: Toluene-d8	94.7 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	108 %	79-122								

Sample Information

Client Sample ID: 7D

York Sample ID: 18G1276-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 8:00 am

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP



Sample Information

Client Sample ID: 7D

York Sample ID: 18G1276-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 8:00 am

07/31/2018

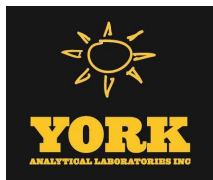
Volatile Organics, 8260 - Comprehensive

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
78-93-3	2-Butanone	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
591-78-6	2-Hexanone	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
67-64-1	Acetone	2.5		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP



Sample Information

Client Sample ID: 7D

York Sample ID: 18G1276-14

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 8:00 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP



Sample Information

Client Sample ID: 7D

York Sample ID: 18G1276-14

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 8:00 am

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-65-0	tert-Butyl alcohol (TBA)	4.5		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
108-88-3	Toluene	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:27	PP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:27	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:27	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: Toluene-d8	97.9 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	105 %	79-122								



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 18G1276-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
71-55-6	1,1,1-Trichloroethane	0.97		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-34-3	1,1-Dichloroethane	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 18G1276-15

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 3:00 pm

Date Received

07/31/2018

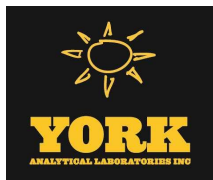
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
156-59-2	cis-1,2-Dichloroethylene	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/06/2018 14:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/07/2018 01:54	PP



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 18G1276-15

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 24, 2018 3:00 pm

Date Received

07/31/2018

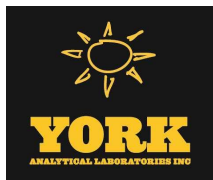
Volatile Organics, 8260 - Comprehensive

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
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
127-18-4	Tetrachloroethylene	19		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:54	PP
79-01-6	Trichloroethylene	2.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/06/2018 14:00	08/07/2018 01:54	PP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/06/2018 14:00	08/07/2018 01:54	PP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %	69-130								



Sample Information

Client Sample ID: Field Duplicate

York Sample ID: 18G1276-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 24, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
2037-26-5	Surrogate: Toluene-d8	90.7 %			81-117						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: Field Blank

York Sample ID: 18G1276-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 18G1276-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 18G1276-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/03/2018 06:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/03/2018 06:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 10:38	AS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 18G1276-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/03/2018 06:00	08/03/2018 10:38	AS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:38	AS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/03/2018 06:00	08/03/2018 10:38	AS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.2 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	116 %	79-122								

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18G1276-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18G1276-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

18G1276

770510.DLXLVP.00

Water

July 25, 2018 3:00 pm

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18G1276-17

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 3:00 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18G1276-17

York Project (SDG) No.

18G1276

Client Project ID

770510.DLXLVP.00

Matrix

Water

Collection Date/Time

July 25, 2018 3:00 pm

Date Received

07/31/2018

Volatile Organics, 8260 - Comprehensive

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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/03/2018 06:00	08/03/2018 10:11	AS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/03/2018 06:00	08/03/2018 10:11	AS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/03/2018 06:00	08/03/2018 10:11	AS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %	69-130								
2037-26-5	Surrogate: Toluene-d8	96.6 %	81-117								
460-00-4	Surrogate: p-Bromofluorobenzene	114 %	79-122								



Analytical Batch Summary

Batch ID: BH80203

Preparation Method: EPA 5030B

Prepared By: AS

YORK Sample ID	Client Sample ID	Preparation Date
18G1276-01RE1	1A	08/03/18
18G1276-16	Field Blank	08/03/18
18G1276-17	Trip Blank	08/03/18
BH80203-BLK1	Blank	08/03/18
BH80203-BS1	LCS	08/03/18
BH80203-BSD1	LCS Dup	08/03/18

Batch ID: BH80208

Preparation Method: EPA 5030B

Prepared By: AS

YORK Sample ID	Client Sample ID	Preparation Date
18G1276-01	1A	08/06/18
18G1276-02	1C	08/06/18
18G1276-03	1D	08/06/18
18G1276-04	2A	08/06/18
18G1276-05	2C	08/06/18
18G1276-06	3A	08/06/18
18G1276-07	3C	08/06/18
18G1276-08	4A	08/06/18
18G1276-10	5A	08/06/18
18G1276-11	5D	08/06/18
18G1276-12	6A	08/06/18
18G1276-13	6D	08/06/18
BH80208-BLK1	Blank	08/06/18
BH80208-BS1	LCS	08/06/18
BH80208-BSD1	LCS Dup	08/06/18

Batch ID: BH80266

Preparation Method: EPA 5030B

Prepared By: AS

YORK Sample ID	Client Sample ID	Preparation Date
18G1276-09	4C	08/06/18
18G1276-14	7D	08/06/18
18G1276-15	Field Duplicate	08/06/18
BH80266-BLK1	Blank	08/06/18
BH80266-BS1	LCS	08/06/18
BH80266-BSD1	LCS Dup	08/06/18
BH80266-MS1	Matrix Spike	08/06/18
BH80266-MSD1	Matrix Spike Dup	08/06/18



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
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Batch BH80203 - EPA 5030B

Blank (BH80203-BLK1)

Prepared & Analyzed: 08/03/2018

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	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	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	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"



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
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Batch BH80203 - EPA 5030B

Blank (BH80203-BLK1)

Prepared & Analyzed: 08/03/2018

n-Butylbenzene	ND	0.50	ug/L
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
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	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.97	"	10.0	99.7	69-130
Surrogate: Toluene-d8	9.60	"	10.0	96.0	81-117
Surrogate: p-Bromofluorobenzene	11.2	"	10.0	112	79-122

LCS (BH80203-BS1)

Prepared & Analyzed: 08/03/2018

1,1,1,2-Tetrachloroethane	8.8	ug/L	10.0	88.0	82-126
1,1,1-Trichloroethane	8.7	"	10.0	86.9	78-136
1,1,2,2-Tetrachloroethane	9.7	"	10.0	96.7	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.5	"	10.0	75.0	54-165
1,1,2-Trichloroethane	8.8	"	10.0	88.5	82-123
1,1-Dichloroethane	9.5	"	10.0	94.6	82-129
1,1-Dichloroethylene	8.5	"	10.0	84.6	68-138
1,2,3-Trichlorobenzene	10	"	10.0	103	76-136
1,2,3-Trichloropropane	10	"	10.0	101	77-128
1,2,4-Trichlorobenzene	9.4	"	10.0	93.6	76-137
1,2,4-Trimethylbenzene	9.8	"	10.0	98.3	82-132
1,2-Dibromo-3-chloropropane	9.0	"	10.0	89.5	45-147
1,2-Dibromoethane	9.0	"	10.0	90.1	83-124
1,2-Dichlorobenzene	9.4	"	10.0	93.7	79-123
1,2-Dichloroethane	9.1	"	10.0	90.9	73-132
1,2-Dichloropropane	8.8	"	10.0	88.5	78-126
1,3,5-Trimethylbenzene	10	"	10.0	102	80-131
1,3-Dichlorobenzene	9.6	"	10.0	96.1	86-122
1,4-Dichlorobenzene	9.4	"	10.0	94.3	85-124
1,4-Dioxane	62	"	210	29.5	10-349
2-Butanone	8.3	"	10.0	83.1	49-152
2-Hexanone	8.5	"	10.0	84.7	51-146
4-Methyl-2-pentanone	8.2	"	10.0	82.4	57-145
Acetone	8.9	"	10.0	89.2	14-150
Acrolein	4.4	"	10.0	43.6	10-153
Acrylonitrile	9.4	"	10.0	93.8	51-150
Benzene	9.4	"	10.0	94.4	85-126
Bromochloromethane	9.0	"	10.0	90.2	77-128



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 BH80203 - EPA 5030B											
LCS (BH80203-BS1)						Prepared & Analyzed: 08/03/2018					
Bromodichloromethane	8.5		ug/L	10.0		84.6	79-128				
Bromoform	7.7		"	10.0		77.3	78-133	Low Bias			
Bromomethane	6.2		"	10.0		61.5	43-168				
Carbon disulfide	9.4		"	10.0		94.3	68-146				
Carbon tetrachloride	8.4		"	10.0		84.1	77-141				
Chlorobenzene	9.3		"	10.0		92.7	88-120				
Chloroethane	8.9		"	10.0		88.8	65-136				
Chloroform	9.1		"	10.0		90.9	82-128				
Chloromethane	7.3		"	10.0		72.9	43-155				
cis-1,2-Dichloroethylene	8.4		"	10.0		84.0	83-129				
cis-1,3-Dichloropropylene	7.4		"	10.0		73.5	80-131	Low Bias			
Cyclohexane	8.4		"	10.0		84.2	63-149				
Dibromochloromethane	8.5		"	10.0		84.7	80-130				
Dibromomethane	8.6		"	10.0		85.6	72-134				
Dichlorodifluoromethane	7.3		"	10.0		73.4	44-144				
Ethyl Benzene	9.3		"	10.0		93.3	80-131				
Hexachlorobutadiene	11		"	10.0		107	67-146				
Isopropylbenzene	10		"	10.0		101	76-140				
Methyl acetate	8.8		"	10.0		88.0	51-139				
Methyl tert-butyl ether (MTBE)	8.7		"	10.0		87.0	76-135				
Methylcyclohexane	7.8		"	10.0		77.6	72-143				
Methylene chloride	9.3		"	10.0		92.7	55-137				
n-Butylbenzene	10		"	10.0		101	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	9.3		"	10.0		93.2	78-130				
p- & m- Xylenes	18		"	20.0		91.6	77-133				
p-Isopropyltoluene	10		"	10.0		104	81-136				
sec-Butylbenzene	11		"	10.0		109	79-137				
Styrene	8.9		"	10.0		89.4	67-132				
tert-Butyl alcohol (TBA)	38		"	50.0		76.6	25-162				
tert-Butylbenzene	11		"	10.0		107	77-138				
Tetrachloroethylene	7.9		"	10.0		78.6	82-131	Low Bias			
Toluene	8.7		"	10.0		87.2	80-127				
trans-1,2-Dichloroethylene	8.9		"	10.0		89.0	80-132				
trans-1,3-Dichloropropylene	7.1		"	10.0		70.6	78-131	Low Bias			
trans-1,4-dichloro-2-butene	8.9		"	10.0		88.8	63-141				
Trichloroethylene	8.8		"	10.0		88.2	82-128				
Trichlorofluoromethane	8.3		"	10.0		83.4	67-139				
Vinyl Chloride	8.4		"	10.0		83.6	58-145				
Surrogate: 1,2-Dichloroethane-d4	9.91		"	10.0		99.1	69-130				
Surrogate: Toluene-d8	9.49		"	10.0		94.9	81-117				
Surrogate: p-Bromofluorobenzene	11.2		"	10.0		112	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH80203 - EPA 5030B											
LCS Dup (BH80203-BSD1)						Prepared & Analyzed: 08/03/2018					
1,1,1,2-Tetrachloroethane	8.5		ug/L	10.0		85.1	82-126		3.35	30	
1,1,1-Trichloroethane	8.4		"	10.0		84.1	78-136		3.27	30	
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.1	76-129		2.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.1		"	10.0		71.4	54-165		4.92	30	
1,1,2-Trichloroethane	8.6		"	10.0		85.6	82-123		3.33	30	
1,1-Dichloroethane	9.2		"	10.0		92.3	82-129		2.46	30	
1,1-Dichloroethylene	8.2		"	10.0		82.5	68-138		2.51	30	
1,2,3-Trichlorobenzene	9.9		"	10.0		99.4	76-136		3.27	30	
1,2,3-Trichloropropane	9.4		"	10.0		93.5	77-128		7.71	30	
1,2,4-Trichlorobenzene	9.2		"	10.0		92.3	76-137		1.40	30	
1,2,4-Trimethylbenzene	9.2		"	10.0		92.4	82-132		6.19	30	
1,2-Dibromo-3-chloropropane	8.7		"	10.0		86.6	45-147		3.29	30	
1,2-Dibromoethane	9.0		"	10.0		90.3	83-124		0.222	30	
1,2-Dichlorobenzene	9.0		"	10.0		89.6	79-123		4.47	30	
1,2-Dichloroethane	8.7		"	10.0		87.4	73-132		3.93	30	
1,2-Dichloropropane	8.5		"	10.0		84.8	78-126		4.27	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		96.1	80-131		5.86	30	
1,3-Dichlorobenzene	9.0		"	10.0		90.3	86-122		6.22	30	
1,4-Dichlorobenzene	9.0		"	10.0		90.2	85-124		4.44	30	
1,4-Dioxane	57		"	210		27.2	10-349		8.24	30	
2-Butanone	8.8		"	10.0		87.7	49-152		5.39	30	
2-Hexanone	8.3		"	10.0		83.2	51-146		1.79	30	
4-Methyl-2-pentanone	8.4		"	10.0		84.2	57-145		2.16	30	
Acetone	9.3		"	10.0		92.7	14-150		3.85	30	
Acrolein	4.5		"	10.0		45.2	10-153		3.60	30	
Acrylonitrile	9.1		"	10.0		90.8	51-150		3.25	30	
Benzene	9.2		"	10.0		92.1	85-126		2.47	30	
Bromochloromethane	8.8		"	10.0		87.8	77-128		2.70	30	
Bromodichloromethane	8.1		"	10.0		81.0	79-128		4.35	30	
Bromoform	7.7		"	10.0		76.7	78-133	Low Bias	0.779	30	
Bromomethane	6.6		"	10.0		66.4	43-168		7.66	30	
Carbon disulfide	9.0		"	10.0		90.5	68-146		4.11	30	
Carbon tetrachloride	8.1		"	10.0		80.8	77-141		4.00	30	
Chlorobenzene	8.9		"	10.0		88.9	88-120		4.19	30	
Chloroethane	8.1		"	10.0		80.7	65-136		9.56	30	
Chloroform	8.8		"	10.0		88.5	82-128		2.68	30	
Chloromethane	7.2		"	10.0		72.4	43-155		0.688	30	
cis-1,2-Dichloroethylene	8.1		"	10.0		81.0	83-129	Low Bias	3.64	30	
cis-1,3-Dichloropropylene	7.3		"	10.0		72.8	80-131	Low Bias	0.957	30	
Cyclohexane	7.9		"	10.0		79.3	63-149		5.99	30	
Dibromochloromethane	8.3		"	10.0		83.2	80-130		1.79	30	
Dibromomethane	8.4		"	10.0		83.5	72-134		2.48	30	
Dichlorodifluoromethane	6.2		"	10.0		61.5	44-144		17.6	30	
Ethyl Benzene	8.9		"	10.0		89.4	80-131		4.27	30	
Hexachlorobutadiene	11		"	10.0		105	67-146		1.88	30	
Isopropylbenzene	9.6		"	10.0		95.6	76-140		5.59	30	
Methyl acetate	8.6		"	10.0		86.4	51-139		1.83	30	
Methyl tert-butyl ether (MTBE)	8.6		"	10.0		85.5	76-135		1.74	30	
Methylcyclohexane	7.2		"	10.0		72.4	72-143		6.93	30	
Methylene chloride	9.0		"	10.0		89.7	55-137		3.29	30	
n-Butylbenzene	9.8		"	10.0		98.3	79-132		3.10	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
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Batch BH80203 - EPA 5030B

LCS Dup (BH80203-BSD1)

Prepared & Analyzed: 08/03/2018

n-Propylbenzene	9.7		ug/L	10.0		96.6	78-133		5.44	30
o-Xylene	9.0		"	10.0		90.2	78-130		3.27	30
p- & m- Xylenes	18		"	20.0		88.2	77-133		3.67	30
p-Isopropyltoluene	9.8		"	10.0		97.9	81-136		5.56	30
sec-Butylbenzene	10		"	10.0		105	79-137		4.39	30
Styrene	8.7		"	10.0		87.3	67-132		2.38	30
tert-Butyl alcohol (TBA)	40		"	50.0		80.7	25-162		5.24	30
tert-Butylbenzene	10		"	10.0		100	77-138		6.38	30
Tetrachloroethylene	7.7		"	10.0		76.8	82-131	Low Bias	2.32	30
Toluene	8.5		"	10.0		84.6	80-127		3.03	30
trans-1,2-Dichloroethylene	8.5		"	10.0		85.0	80-132		4.60	30
trans-1,3-Dichloropropylene	6.8		"	10.0		68.2	78-131	Low Bias	3.46	30
trans-1,4-dichloro-2-butene	8.5		"	10.0		85.3	63-141		4.02	30
Trichloroethylene	8.6		"	10.0		85.9	82-128		2.64	30
Trichlorofluoromethane	7.8		"	10.0		77.5	67-139		7.33	30
Vinyl Chloride	8.2		"	10.0		82.4	58-145		1.45	30
Surrogate: 1,2-Dichloroethane-d4	9.97		"	10.0		99.7	69-130			
Surrogate: Toluene-d8	9.54		"	10.0		95.4	81-117			
Surrogate: p-Bromofluorobenzene	10.9		"	10.0		109	79-122			

Batch BH80208 - EPA 5030B

Blank (BH80208-BLK1)

Prepared & Analyzed: 08/06/2018

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	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	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
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Batch BH80208 - EPA 5030B

Blank (BH80208-BLK1)

Prepared & Analyzed: 08/06/2018

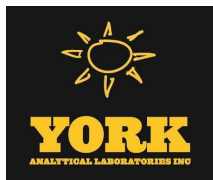
Bromodichloromethane	ND	0.50	ug/L								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
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	"								
trans-1,4-dichloro-2-butene	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	10.2		"	10.0		102	69-130				
Surrogate: Toluene-d8	9.61		"	10.0		96.1	81-117				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	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 BH80208 - EPA 5030B											
LCS (BH80208-BS1)						Prepared & Analyzed: 08/06/2018					
1,1,1,2-Tetrachloroethane	9.1		ug/L	10.0		91.4	82-126				
1,1,1-Trichloroethane	9.0		"	10.0		90.2	78-136				
1,1,2,2-Tetrachloroethane	9.8		"	10.0		98.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.1		"	10.0		80.8	54-165				
1,1,2-Trichloroethane	8.9		"	10.0		89.0	82-123				
1,1-Dichloroethane	9.7		"	10.0		96.6	82-129				
1,1-Dichloroethylene	8.5		"	10.0		85.4	68-138				
1,2,3-Trichlorobenzene	10		"	10.0		104	76-136				
1,2,3-Trichloropropane	9.6		"	10.0		95.6	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		99.5	76-137				
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.2		"	10.0		91.5	45-147				
1,2-Dibromoethane	9.0		"	10.0		89.6	83-124				
1,2-Dichlorobenzene	9.6		"	10.0		95.7	79-123				
1,2-Dichloroethane	8.5		"	10.0		85.1	73-132				
1,2-Dichloropropane	8.9		"	10.0		89.1	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		106	80-131				
1,3-Dichlorobenzene	9.8		"	10.0		98.3	86-122				
1,4-Dichlorobenzene	9.8		"	10.0		98.1	85-124				
1,4-Dioxane	63		"	210		30.1	10-349				
2-Butanone	9.2		"	10.0		92.0	49-152				
2-Hexanone	9.4		"	10.0		94.0	51-146				
4-Methyl-2-pentanone	9.0		"	10.0		89.6	57-145				
Acetone	9.2		"	10.0		92.3	14-150				
Acrolein	6.4		"	10.0		64.1	10-153				
Acrylonitrile	9.4		"	10.0		93.5	51-150				
Benzene	9.6		"	10.0		95.6	85-126				
Bromochloromethane	8.9		"	10.0		89.4	77-128				
Bromodichloromethane	8.6		"	10.0		86.4	79-128				
Bromoform	8.0		"	10.0		79.9	78-133				
Bromomethane	6.2		"	10.0		62.4	43-168				
Carbon disulfide	9.2		"	10.0		91.5	68-146				
Carbon tetrachloride	8.7		"	10.0		86.8	77-141				
Chlorobenzene	9.4		"	10.0		94.0	88-120				
Chloroethane	9.4		"	10.0		93.8	65-136				
Chloroform	9.3		"	10.0		92.7	82-128				
Chloromethane	6.0		"	10.0		60.4	43-155				
cis-1,2-Dichloroethylene	9.4		"	10.0		94.0	83-129				
cis-1,3-Dichloropropylene	8.9		"	10.0		88.7	80-131				
Cyclohexane	8.9		"	10.0		88.8	63-149				
Dibromochloromethane	8.8		"	10.0		87.6	80-130				
Dibromomethane	8.6		"	10.0		85.7	72-134				
Dichlorodifluoromethane	5.4		"	10.0		54.3	44-144				
Ethyl Benzene	9.7		"	10.0		96.6	80-131				
Hexachlorobutadiene	12		"	10.0		116	67-146				
Isopropylbenzene	10		"	10.0		104	76-140				
Methyl acetate	8.5		"	10.0		85.1	51-139				
Methyl tert-butyl ether (MTBE)	8.6		"	10.0		86.2	76-135				
Methylcyclohexane	8.6		"	10.0		86.1	72-143				
Methylene chloride	9.3		"	10.0		93.0	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				



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 BH80208 - EPA 5030B											
LCS (BH80208-BS1)						Prepared & Analyzed: 08/06/2018					
n-Propylbenzene	11		ug/L	10.0		107	78-133				
o-Xylene	9.7		"	10.0		96.9	78-130				
p- & m- Xylenes	19		"	20.0		96.0	77-133				
p-Isopropyltoluene	11		"	10.0		109	81-136				
sec-Butylbenzene	12		"	10.0		116	79-137				
Styrene	9.4		"	10.0		93.7	67-132				
tert-Butyl alcohol (TBA)	39		"	50.0		77.1	25-162				
tert-Butylbenzene	11		"	10.0		109	77-138				
Tetrachloroethylene	8.3		"	10.0		83.2	82-131				
Toluene	9.0		"	10.0		90.0	80-127				
trans-1,2-Dichloroethylene	9.0		"	10.0		90.4	80-132				
trans-1,3-Dichloropropylene	8.7		"	10.0		86.7	78-131				
trans-1,4-dichloro-2-butene	9.6		"	10.0		95.7	63-141				
Trichloroethylene	9.0		"	10.0		89.8	82-128				
Trichlorofluoromethane	8.3		"	10.0		83.0	67-139				
Vinyl Chloride	7.9		"	10.0		78.6	58-145				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.58</i>		<i>"</i>	<i>10.0</i>		<i>95.8</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>79-122</i>				
LCS Dup (BH80208-BSD1)						Prepared & Analyzed: 08/06/2018					
1,1,1,2-Tetrachloroethane	9.1		ug/L	10.0		90.6	82-126		0.879	30	
1,1,1-Trichloroethane	8.6		"	10.0		86.4	78-136		4.30	30	
1,1,2,2-Tetrachloroethane	9.6		"	10.0		95.8	76-129		2.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.8		"	10.0		77.7	54-165		3.91	30	
1,1,2-Trichloroethane	8.5		"	10.0		84.7	82-123		4.95	30	
1,1-Dichloroethane	9.4		"	10.0		94.1	82-129		2.62	30	
1,1-Dichloroethylene	8.2		"	10.0		82.4	68-138		3.58	30	
1,2,3-Trichlorobenzene	9.5		"	10.0		95.4	76-136		8.34	30	
1,2,3-Trichloropropane	9.4		"	10.0		94.3	77-128		1.37	30	
1,2,4-Trichlorobenzene	9.2		"	10.0		91.9	76-137		7.94	30	
1,2,4-Trimethylbenzene	10		"	10.0		102	82-132		0.0981	30	
1,2-Dibromo-3-chloropropane	9.1		"	10.0		91.4	45-147		0.109	30	
1,2-Dibromoethane	9.0		"	10.0		89.9	83-124		0.334	30	
1,2-Dichlorobenzene	9.5		"	10.0		95.0	79-123		0.734	30	
1,2-Dichloroethane	8.9		"	10.0		88.9	73-132		4.37	30	
1,2-Dichloropropane	8.6		"	10.0		85.7	78-126		3.89	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		3.77	30	
1,3-Dichlorobenzene	10		"	10.0		99.7	86-122		1.41	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.8	85-124		0.711	30	
1,4-Dioxane	54		"	210		25.5	10-349		16.4	30	
2-Butanone	7.8		"	10.0		77.9	49-152		16.6	30	
2-Hexanone	9.2		"	10.0		92.2	51-146		1.93	30	
4-Methyl-2-pentanone	8.4		"	10.0		84.1	57-145		6.33	30	
Acetone	9.1		"	10.0		90.9	14-150		1.53	30	
Acrolein	5.9		"	10.0		59.4	10-153		7.61	30	
Acrylonitrile	8.8		"	10.0		87.8	51-150		6.29	30	
Benzene	9.3		"	10.0		93.1	85-126		2.65	30	
Bromochloromethane	8.8		"	10.0		87.9	77-128		1.69	30	
Bromodichloromethane	8.3		"	10.0		83.4	79-128		3.53	30	
Bromoform	7.9		"	10.0		79.0	78-133		1.13	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
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Batch BH80208 - EPA 5030B

LCS Dup (BH80208-BSD1)

Prepared & Analyzed: 08/06/2018

Bromomethane	6.8		ug/L	10.0		68.1	43-168		8.74	30	
Carbon disulfide	8.9		"	10.0		89.1	68-146		2.66	30	
Carbon tetrachloride	8.5		"	10.0		84.7	77-141		2.45	30	
Chlorobenzene	9.2		"	10.0		91.7	88-120		2.48	30	
Chloroethane	8.6		"	10.0		86.2	65-136		8.44	30	
Chloroform	9.2		"	10.0		91.7	82-128		1.08	30	
Chloromethane	5.9		"	10.0		58.9	43-155		2.51	30	
cis-1,2-Dichloroethylene	9.2		"	10.0		92.3	83-129		1.83	30	
cis-1,3-Dichloropropylene	8.5		"	10.0		84.7	80-131		4.61	30	
Cyclohexane	8.4		"	10.0		83.8	63-149		5.79	30	
Dibromochloromethane	8.5		"	10.0		84.7	80-130		3.37	30	
Dibromomethane	8.3		"	10.0		83.0	72-134		3.20	30	
Dichlorodifluoromethane	5.1		"	10.0		51.4	44-144		5.49	30	
Ethyl Benzene	9.3		"	10.0		93.0	80-131		3.80	30	
Hexachlorobutadiene	11		"	10.0		106	67-146		9.08	30	
Isopropylbenzene	10		"	10.0		101	76-140		2.73	30	
Methyl acetate	8.9		"	10.0		88.8	51-139		4.26	30	
Methyl tert-butyl ether (MTBE)	8.5		"	10.0		84.7	76-135		1.76	30	
Methylcyclohexane	8.0		"	10.0		80.2	72-143		7.10	30	
Methylene chloride	9.2		"	10.0		91.8	55-137		1.30	30	
n-Butylbenzene	11		"	10.0		105	79-132		6.98	30	
n-Propylbenzene	9.8		"	10.0		98.3	78-133		8.48	30	
o-Xylene	9.4		"	10.0		94.0	78-130		3.04	30	
p- & m- Xylenes	18		"	20.0		91.9	77-133		4.36	30	
p-Isopropyltoluene	11		"	10.0		109	81-136		0.0915	30	
sec-Butylbenzene	11		"	10.0		114	79-137		1.48	30	
Styrene	9.0		"	10.0		90.3	67-132		3.70	30	
tert-Butyl alcohol (TBA)	39		"	50.0		78.3	25-162		1.49	30	
tert-Butylbenzene	11		"	10.0		108	77-138		0.737	30	
Tetrachloroethylene	8.2		"	10.0		81.5	82-131	Low Bias	2.06	30	
Toluene	8.5		"	10.0		85.4	80-127		5.25	30	
trans-1,2-Dichloroethylene	8.8		"	10.0		87.6	80-132		3.15	30	
trans-1,3-Dichloropropylene	8.2		"	10.0		82.2	78-131		5.33	30	
trans-1,4-dichloro-2-butene	8.7		"	10.0		87.2	63-141		9.29	30	
Trichloroethylene	8.5		"	10.0		84.6	82-128		5.96	30	
Trichlorofluoromethane	7.6		"	10.0		76.4	67-139		8.28	30	
Vinyl Chloride	7.8		"	10.0		77.9	58-145		0.895	30	
Surrogate: 1,2-Dichloroethane-d4	9.75		"	10.0		97.5	69-130				
Surrogate: Toluene-d8	9.30		"	10.0		93.0	81-117				
Surrogate: p-Bromofluorobenzene	11.0		"	10.0		110	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
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Batch BH80266 - EPA 5030B

Blank (BH80266-BLK1)

Prepared: 08/06/2018 Analyzed: 08/07/2018

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	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	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	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylcyclohexane	ND	0.50	"
Methylene chloride	ND	2.0	"
n-Butylbenzene	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
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Batch BH80266 - EPA 5030B

Blank (BH80266-BLK1)

Prepared: 08/06/2018 Analyzed: 08/07/2018

n-Propylbenzene	ND	0.50	ug/L
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
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	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	10.6	"	10.0	106	69-130
Surrogate: Toluene-d8	9.20	"	10.0	92.0	81-117
Surrogate: p-Bromofluorobenzene	10.8	"	10.0	108	79-122

LCS (BH80266-BS1)

Prepared & Analyzed: 08/06/2018

1,1,1,2-Tetrachloroethane	9.4	ug/L	10.0	93.6	82-126
1,1,1-Trichloroethane	9.2	"	10.0	91.7	78-136
1,1,2,2-Tetrachloroethane	9.2	"	10.0	92.5	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3	"	10.0	92.9	54-165
1,1,2-Trichloroethane	10	"	10.0	99.8	82-123
1,1-Dichloroethane	10	"	10.0	101	82-129
1,1-Dichloroethylene	9.4	"	10.0	93.8	68-138
1,2,3-Trichlorobenzene	9.8	"	10.0	98.2	76-136
1,2,3-Trichloropropane	9.2	"	10.0	92.2	77-128
1,2,4-Trichlorobenzene	9.3	"	10.0	93.0	76-137
1,2,4-Trimethylbenzene	9.8	"	10.0	97.5	82-132
1,2-Dibromo-3-chloropropane	8.2	"	10.0	82.1	45-147
1,2-Dibromoethane	10	"	10.0	103	83-124
1,2-Dichlorobenzene	9.2	"	10.0	92.3	79-123
1,2-Dichloroethane	9.2	"	10.0	92.0	73-132
1,2-Dichloropropane	9.9	"	10.0	98.9	78-126
1,3,5-Trimethylbenzene	9.9	"	10.0	99.3	80-131
1,3-Dichlorobenzene	9.5	"	10.0	94.7	86-122
1,4-Dichlorobenzene	9.4	"	10.0	94.3	85-124
1,4-Dioxane	51	"	210	24.2	10-349
2-Butanone	8.5	"	10.0	85.1	49-152
2-Hexanone	11	"	10.0	107	51-146
4-Methyl-2-pentanone	11	"	10.0	106	57-145
Acetone	9.1	"	10.0	91.2	14-150
Acrolein	6.0	"	10.0	59.6	10-153
Acrylonitrile	11	"	10.0	108	51-150
Benzene	10	"	10.0	101	85-126
Bromochloromethane	9.8	"	10.0	98.0	77-128
Bromodichloromethane	9.6	"	10.0	96.4	79-128



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
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Batch BH80266 - EPA 5030B

LCS (BH80266-BS1)

Prepared & Analyzed: 08/06/2018

Bromoform	8.4		ug/L	10.0		83.9	78-133				
Bromomethane	5.7		"	10.0		57.1	43-168				
Carbon disulfide	10		"	10.0		103	68-146				
Carbon tetrachloride	9.0		"	10.0		90.3	77-141				
Chlorobenzene	9.7		"	10.0		96.9	88-120				
Chloroethane	9.2		"	10.0		91.9	65-136				
Chloroform	9.7		"	10.0		97.1	82-128				
Chloromethane	7.0		"	10.0		70.3	43-155				
cis-1,2-Dichloroethylene	9.8		"	10.0		97.5	83-129				
cis-1,3-Dichloropropylene	9.9		"	10.0		99.1	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	9.8		"	10.0		98.5	80-130				
Dibromomethane	9.7		"	10.0		97.4	72-134				
Dichlorodifluoromethane	5.9		"	10.0		59.0	44-144				
Ethyl Benzene	9.8		"	10.0		98.5	80-131				
Hexachlorobutadiene	13		"	10.0		133	67-146				
Isopropylbenzene	9.7		"	10.0		97.0	76-140				
Methyl acetate	9.2		"	10.0		92.0	51-139				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.9	76-135				
Methylcyclohexane	11		"	10.0		110	72-143				
Methylene chloride	11		"	10.0		105	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	10		"	10.0		101	78-133				
o-Xylene	11		"	10.0		106	78-130				
p- & m- Xylenes	20		"	20.0		98.6	77-133				
p-Isopropyltoluene	11		"	10.0		107	81-136				
sec-Butylbenzene	11		"	10.0		112	79-137				
Styrene	10		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	43		"	50.0		85.4	25-162				
tert-Butylbenzene	10		"	10.0		104	77-138				
Tetrachloroethylene	9.3		"	10.0		92.6	82-131				
Toluene	10		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.6		"	10.0		96.1	80-132				
trans-1,3-Dichloropropylene	9.2		"	10.0		92.1	78-131				
trans-1,4-dichloro-2-butene	8.8		"	10.0		87.7	63-141				
Trichloroethylene	10		"	10.0		102	82-128				
Trichlorofluoromethane	9.3		"	10.0		93.2	67-139				
Vinyl Chloride	7.4		"	10.0		74.5	58-145				
Surrogate: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	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 BH80266 - EPA 5030B											
LCS Dup (BH80266-BSD1)						Prepared & Analyzed: 08/06/2018					
1,1,1,2-Tetrachloroethane	9.3		ug/L	10.0		92.6	82-126		1.07	30	
1,1,1-Trichloroethane	9.4		"	10.0		93.7	78-136		2.16	30	
1,1,2,2-Tetrachloroethane	9.3		"	10.0		93.4	76-129		0.968	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.2		"	10.0		92.3	54-165		0.648	30	
1,1,2-Trichloroethane	8.9		"	10.0		88.8	82-123		11.7	30	
1,1-Dichloroethane	10		"	10.0		103	82-129		1.47	30	
1,1-Dichloroethylene	9.4		"	10.0		93.6	68-138		0.213	30	
1,2,3-Trichlorobenzene	9.9		"	10.0		99.0	76-136		0.811	30	
1,2,3-Trichloropropane	9.3		"	10.0		92.6	77-128		0.433	30	
1,2,4-Trichlorobenzene	9.6		"	10.0		95.5	76-137		2.65	30	
1,2,4-Trimethylbenzene	10		"	10.0		100	82-132		2.53	30	
1,2-Dibromo-3-chloropropane	8.2		"	10.0		81.5	45-147		0.733	30	
1,2-Dibromoethane	9.4		"	10.0		93.6	83-124		9.17	30	
1,2-Dichlorobenzene	9.4		"	10.0		94.1	79-123		1.93	30	
1,2-Dichloroethane	9.3		"	10.0		92.9	73-132		0.974	30	
1,2-Dichloropropane	9.3		"	10.0		92.7	78-126		6.47	30	
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131		2.58	30	
1,3-Dichlorobenzene	9.6		"	10.0		96.5	86-122		1.88	30	
1,4-Dichlorobenzene	9.5		"	10.0		95.2	85-124		0.950	30	
1,4-Dioxane	62		"	210		29.5	10-349		19.7	30	
2-Butanone	10		"	10.0		102	49-152		18.6	30	
2-Hexanone	9.7		"	10.0		96.9	51-146		9.91	30	
4-Methyl-2-pentanone	9.7		"	10.0		96.7	57-145		9.27	30	
Acetone	9.0		"	10.0		90.3	14-150		0.992	30	
Acrolein	5.9		"	10.0		58.8	10-153		1.35	30	
Acrylonitrile	8.4		"	10.0		84.3	51-150		24.3	30	
Benzene	10		"	10.0		102	85-126		0.692	30	
Bromochloromethane	10		"	10.0		99.8	77-128		1.82	30	
Bromodichloromethane	8.9		"	10.0		89.2	79-128		7.76	30	
Bromoform	7.7		"	10.0		77.1	78-133	Low Bias	8.45	30	
Bromomethane	6.3		"	10.0		62.9	43-168		9.67	30	
Carbon disulfide	11		"	10.0		105	68-146		2.11	30	
Carbon tetrachloride	9.1		"	10.0		91.3	77-141		1.10	30	
Chlorobenzene	9.5		"	10.0		95.3	88-120		1.66	30	
Chloroethane	10		"	10.0		104	65-136		12.2	30	
Chloroform	9.8		"	10.0		98.5	82-128		1.43	30	
Chloromethane	7.7		"	10.0		76.8	43-155		8.84	30	
cis-1,2-Dichloroethylene	9.8		"	10.0		97.6	83-129		0.103	30	
cis-1,3-Dichloropropylene	9.0		"	10.0		89.6	80-131		10.1	30	
Cyclohexane	10		"	10.0		103	63-149		1.06	30	
Dibromochloromethane	8.6		"	10.0		85.8	80-130		13.8	30	
Dibromomethane	8.8		"	10.0		88.1	72-134		10.0	30	
Dichlorodifluoromethane	7.5		"	10.0		75.2	44-144		24.1	30	
Ethyl Benzene	9.8		"	10.0		97.9	80-131		0.611	30	
Hexachlorobutadiene	13		"	10.0		131	67-146		1.52	30	
Isopropylbenzene	9.8		"	10.0		98.1	76-140		1.13	30	
Methyl acetate	9.2		"	10.0		92.0	51-139		0.00	30	
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		98.0	76-135		0.914	30	
Methylcyclohexane	9.8		"	10.0		98.0	72-143		11.4	30	
Methylene chloride	11		"	10.0		105	55-137		0.0950	30	
n-Butylbenzene	11		"	10.0		114	79-132		1.14	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
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Batch BH80266 - EPA 5030B

LCS Dup (BH80266-BSD1)

Prepared & Analyzed: 08/06/2018

n-Propylbenzene	10		ug/L	10.0		102	78-133		1.68	30	
o-Xylene	9.9		"	10.0		99.3	78-130		6.43	30	
p- & m- Xylenes	19		"	20.0		96.8	77-133		1.79	30	
p-Isopropyltoluene	11		"	10.0		108	81-136		1.11	30	
sec-Butylbenzene	11		"	10.0		114	79-137		1.42	30	
Styrene	9.6		"	10.0		95.6	67-132		7.45	30	
tert-Butyl alcohol (TBA)	44		"	50.0		87.6	25-162		2.64	30	
tert-Butylbenzene	11		"	10.0		106	77-138		2.67	30	
Tetrachloroethylene	8.3		"	10.0		82.6	82-131		11.4	30	
Toluene	9.2		"	10.0		91.9	80-127		9.83	30	
trans-1,2-Dichloroethylene	9.6		"	10.0		96.5	80-132		0.415	30	
trans-1,3-Dichloropropylene	8.5		"	10.0		84.6	78-131		8.49	30	
trans-1,4-dichloro-2-butene	8.8		"	10.0		88.0	63-141		0.341	30	
Trichloroethylene	9.1		"	10.0		91.2	82-128		10.7	30	
Trichlorofluoromethane	9.9		"	10.0		99.4	67-139		6.44	30	
Vinyl Chloride	8.2		"	10.0		81.7	58-145		9.22	30	
Surrogate: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: Toluene-d8	9.36		"	10.0		93.6	81-117				
Surrogate: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				

Matrix Spike (BH80266-MS1)

*Source sample: 18G1276-09 (4C)

Prepared: 08/06/2018 Analyzed: 08/07/2018

1,1,1,2-Tetrachloroethane	8.9		ug/L	10.0	0.0	88.8	45-161				
1,1,1-Trichloroethane	11		"	10.0	1.2	98.5	70-146				
1,1,2,2-Tetrachloroethane	7.7		"	10.0	0.0	76.8	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.4		"	10.0	0.0	94.1	21-217				
1,1,2-Trichloroethane	8.3		"	10.0	0.0	82.7	59-146				
1,1-Dichloroethane	11		"	10.0	1.5	97.5	54-146				
1,1-Dichloroethylene	11		"	10.0	1.1	93.9	44-165				
1,2,3-Trichlorobenzene	8.1		"	10.0	0.0	80.7	40-161				
1,2,3-Trichloropropane	8.5		"	10.0	0.0	85.0	74-127				
1,2,4-Trichlorobenzene	8.5		"	10.0	0.0	84.8	41-161				
1,2,4-Trimethylbenzene	9.1		"	10.0	0.0	90.6	72-129				
1,2-Dibromo-3-chloropropane	7.8		"	10.0	0.0	77.9	31-151				
1,2-Dibromoethane	8.6		"	10.0	0.0	85.9	75-125				
1,2-Dichlorobenzene	8.7		"	10.0	0.0	87.2	63-122				
1,2-Dichloroethane	9.3		"	10.0	0.0	93.4	68-131				
1,2-Dichloropropane	8.1		"	10.0	0.0	80.6	77-121				
1,3,5-Trimethylbenzene	8.7		"	10.0	0.0	87.3	69-126				
1,3-Dichlorobenzene	8.8		"	10.0	0.0	87.9	74-119				
1,4-Dichlorobenzene	8.7		"	10.0	0.0	87.1	70-124				
1,4-Dioxane	50		"	210	0.0	23.7	10-310				
2-Butanone	7.4		"	10.0	0.0	74.0	10-193				
2-Hexanone	8.4		"	10.0	0.0	83.8	53-133				
4-Methyl-2-pentanone	8.5		"	10.0	0.0	85.0	38-150				
Acetone	7.4		"	10.0	0.0	74.5	13-149				
Acrolein	5.2		"	10.0	0.0	51.9	10-195				
Acrylonitrile	8.9		"	10.0	0.0	89.0	37-165				
Benzene	9.5		"	10.0	0.0	95.4	38-155				
Bromochloromethane	9.6		"	10.0	0.0	96.4	75-121				
Bromodichloromethane	8.0		"	10.0	0.0	80.3	70-129				
Bromoform	7.4		"	10.0	0.0	74.3	66-136				



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
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Batch BH80266 - EPA 5030B

Matrix Spike (BH80266-MS1)	*Source sample: 18G1276-09 (4C)						Prepared: 08/06/2018 Analyzed: 08/07/2018				
Bromomethane	7.6		ug/L	10.0	0.0	76.3	30-158				
Carbon disulfide	10		"	10.0	0.0	102	10-138				
Carbon tetrachloride	9.8		"	10.0	0.0	98.2	71-146				
Chlorobenzene	8.9		"	10.0	0.0	88.6	81-117				
Chloroethane	10		"	10.0	0.0	101	51-145				
Chloroform	9.6		"	10.0	0.0	96.0	80-124				
Chloromethane	8.7		"	10.0	0.0	87.1	16-163				
cis-1,2-Dichloroethylene	9.0		"	10.0	0.0	90.4	76-125				
cis-1,3-Dichloropropylene	7.4		"	10.0	0.0	73.9	58-131				
Cyclohexane	10		"	10.0	0.0	104	70-130				
Dibromochloromethane	8.3		"	10.0	0.0	82.7	71-129				
Dibromomethane	8.0		"	10.0	0.0	80.5	76-120				
Dichlorodifluoromethane	8.5		"	10.0	0.0	85.1	30-147				
Ethyl Benzene	8.7		"	10.0	0.0	87.4	72-128				
Hexachlorobutadiene	11		"	10.0	0.0	112	34-166				
Isopropylbenzene	8.6		"	10.0	0.0	86.2	66-139				
Methyl acetate	8.0		"	10.0	0.0	80.1	10-200				
Methyl tert-butyl ether (MTBE)	9.4		"	10.0	0.0	94.2	75-128				
Methylcyclohexane	8.9		"	10.0	0.0	88.9	70-130				
Methylene chloride	9.9		"	10.0	0.0	98.8	57-128				
n-Butylbenzene	9.6		"	10.0	0.0	95.8	61-138				
n-Propylbenzene	8.5		"	10.0	0.0	84.7	66-134				
o-Xylene	8.8		"	10.0	0.0	88.0	69-126				
p- & m- Xylenes	17		"	20.0	0.0	86.9	67-130				
p-Isopropyltoluene	9.6		"	10.0	0.0	95.9	64-137				
sec-Butylbenzene	10		"	10.0	0.0	104	53-155				
Styrene	8.6		"	10.0	0.0	86.4	69-125				
tert-Butyl alcohol (TBA)	42		"	50.0	0.0	83.1	10-130				
tert-Butylbenzene	9.8		"	10.0	0.0	98.3	65-139				
Tetrachloroethylene	8.1		"	10.0	0.0	81.0	64-139				
Toluene	8.2		"	10.0	0.0	81.6	76-123				
trans-1,2-Dichloroethylene	9.4		"	10.0	0.0	93.5	79-131				
trans-1,3-Dichloropropylene	7.0		"	10.0	0.0	70.1	55-130				
trans-1,4-dichloro-2-butene	7.0		"	10.0	0.0	69.8	25-155				
Trichloroethylene	8.3		"	10.0	0.0	83.1	53-145				
Trichlorofluoromethane	10		"	10.0	0.0	103	61-142				
Vinyl Chloride	9.7		"	10.0	0.0	97.2	31-165				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>11.0</i>		<i>"</i>	<i>10.0</i>		<i>110</i>	<i>69-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.01</i>		<i>"</i>	<i>10.0</i>		<i>90.1</i>	<i>81-117</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>79-122</i>				



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	Limit	Flag
Batch BH80266 - EPA 5030B											
Matrix Spike Dup (BH80266-MSD1)	*Source sample: 18G1276-09 (4C)						Prepared: 08/06/2018 Analyzed: 08/07/2018				
1,1,1,2-Tetrachloroethane	9.4		ug/L	10.0	0.0	93.7	45-161		5.37	30	
1,1,1-Trichloroethane	12		"	10.0	1.2	107	70-146		8.18	30	
1,1,2,2-Tetrachloroethane	8.6		"	10.0	0.0	86.5	74-121		11.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0	0.0	104	21-217		9.71	30	
1,1,2-Trichloroethane	8.5		"	10.0	0.0	85.1	59-146		2.86	30	
1,1-Dichloroethane	12		"	10.0	1.5	103	54-146		5.87	30	
1,1-Dichloroethylene	11		"	10.0	1.1	101	44-165		7.58	30	
1,2,3-Trichlorobenzene	10		"	10.0	0.0	104	40-161		25.3	30	
1,2,3-Trichloropropane	9.1		"	10.0	0.0	90.8	74-127		6.60	30	
1,2,4-Trichlorobenzene	9.8		"	10.0	0.0	97.6	41-161		14.0	30	
1,2,4-Trimethylbenzene	9.7		"	10.0	0.0	96.7	72-129		6.51	30	
1,2-Dibromo-3-chloropropane	8.1		"	10.0	0.0	80.8	31-151		3.65	30	
1,2-Dibromoethane	8.9		"	10.0	0.0	88.7	75-125		3.21	30	
1,2-Dichlorobenzene	9.4		"	10.0	0.0	93.8	63-122		7.29	30	
1,2-Dichloroethane	9.8		"	10.0	0.0	98.4	68-131		5.21	30	
1,2-Dichloropropane	8.4		"	10.0	0.0	84.3	77-121		4.49	30	
1,3,5-Trimethylbenzene	10		"	10.0	0.0	100	69-126		13.9	30	
1,3-Dichlorobenzene	9.6		"	10.0	0.0	96.0	74-119		8.81	30	
1,4-Dichlorobenzene	9.5		"	10.0	0.0	95.4	70-124		9.10	30	
1,4-Dioxane	50		"	210	0.0	24.0	10-310		1.30	30	
2-Butanone	9.1		"	10.0	0.0	90.9	10-193		20.5	30	
2-Hexanone	8.9		"	10.0	0.0	88.9	53-133		5.91	30	
4-Methyl-2-pentanone	8.9		"	10.0	0.0	89.3	38-150		4.93	30	
Acetone	8.3		"	10.0	0.0	83.3	13-149		11.2	30	
Acrolein	5.4		"	10.0	0.0	54.5	10-195		4.89	30	
Acrylonitrile	8.7		"	10.0	0.0	87.4	37-165		1.81	30	
Benzene	10		"	10.0	0.0	103	38-155		7.95	30	
Bromochloromethane	10		"	10.0	0.0	103	75-121		6.23	30	
Bromodichloromethane	8.4		"	10.0	0.0	83.9	70-129		4.38	30	
Bromoform	8.0		"	10.0	0.0	79.9	66-136		7.26	30	
Bromomethane	8.1		"	10.0	0.0	81.1	30-158		6.10	30	
Carbon disulfide	11		"	10.0	0.0	111	10-138		7.70	30	
Carbon tetrachloride	11		"	10.0	0.0	107	71-146		8.76	30	
Chlorobenzene	9.4		"	10.0	0.0	93.5	81-117		5.38	30	
Chloroethane	11		"	10.0	0.0	111	51-145		9.26	30	
Chloroform	10		"	10.0	0.0	104	80-124		8.19	30	
Chloromethane	9.4		"	10.0	0.0	93.9	16-163		7.51	30	
cis-1,2-Dichloroethylene	9.7		"	10.0	0.0	97.0	76-125		7.04	30	
cis-1,3-Dichloropropylene	8.0		"	10.0	0.0	79.5	58-131		7.30	30	
Cyclohexane	11		"	10.0	0.0	112	70-130		7.95	30	
Dibromochloromethane	8.7		"	10.0	0.0	87.0	71-129		5.07	30	
Dibromomethane	8.4		"	10.0	0.0	84.1	76-120		4.37	30	
Dichlorodifluoromethane	8.8		"	10.0	0.0	87.7	30-147		3.01	30	
Ethyl Benzene	9.3		"	10.0	0.0	92.8	72-128		5.99	30	
Hexachlorobutadiene	13		"	10.0	0.0	132	34-166		16.4	30	
Isopropylbenzene	9.9		"	10.0	0.0	98.9	66-139		13.7	30	
Methyl acetate	8.8		"	10.0	0.0	87.9	10-200		9.29	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0	0.0	101	75-128		6.77	30	
Methylcyclohexane	9.4		"	10.0	0.0	93.9	70-130		5.47	30	
Methylene chloride	11		"	10.0	0.0	107	57-128		7.59	30	
n-Butylbenzene	11		"	10.0	0.0	107	61-138		10.7	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
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Batch BH80266 - EPA 5030B

Matrix Spike Dup (BH80266-MSD1)		*Source sample: 18G1276-09 (4C)					Prepared: 08/06/2018 Analyzed: 08/07/2018				
n-Propylbenzene	9.9		ug/L	10.0	0.0	99.2	66-134		15.8	30	
o-Xylene	9.3		"	10.0	0.0	93.2	69-126		5.74	30	
p- & m- Xylenes	18		"	20.0	0.0	92.4	67-130		6.13	30	
p-Isopropyltoluene	11		"	10.0	0.0	108	64-137		11.5	30	
sec-Butylbenzene	11		"	10.0	0.0	113	53-155		8.85	30	
Styrene	8.8		"	10.0	0.0	87.7	69-125		1.49	30	
tert-Butyl alcohol (TBA)	42		"	50.0	0.0	83.8	10-130		0.815	30	
tert-Butylbenzene	11		"	10.0	0.0	107	65-139		8.10	30	
Tetrachloroethylene	8.9		"	10.0	0.0	88.6	64-139		8.96	30	
Toluene	8.6		"	10.0	0.0	85.8	76-123		5.02	30	
trans-1,2-Dichloroethylene	10		"	10.0	0.0	99.6	79-131		6.32	30	
trans-1,3-Dichloropropylene	7.4		"	10.0	0.0	73.6	55-130		4.87	30	
trans-1,4-dichloro-2-butene	7.7		"	10.0	0.0	77.4	25-155		10.3	30	
Trichloroethylene	9.0		"	10.0	0.0	89.6	53-145		7.53	30	
Trichlorofluoromethane	11		"	10.0	0.0	114	61-142		9.99	30	
Vinyl Chloride	10		"	10.0	0.0	104	31-165		7.05	30	
Surrogate: 1,2-Dichloroethane-d4	11.3		"	10.0		113	69-130				
Surrogate: Toluene-d8	9.04		"	10.0		90.4	81-117				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18G1276-01	1A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-02	1C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-03	1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-04	2A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-05	2C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-06	3A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-07	3C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-08	4A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-09	4C	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-10	5A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-11	5D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-12	6A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-13	6D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-14	7D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-15	Field Duplicate	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-16	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18G1276-17	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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





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Field Chain-of-Custody Record

YORK Project No.
18G1276

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

Page **1** of **2**

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	WSP	Company:		Company:		770510.DXLVP.00	RUSH - Next Day		
Address:	4 Westchester Pike Dr White Plains, NY	Address:		Address:	SAME		RUSH - Two Day		
Phone:	914 644 5711	Phone:		Phone:			RUSH - Three Day		
Contact:	Jorma Weber	Contact:		Contact:			RUSH - Four Day		
E-mail:	Jorma.Weber@wsp.com	E-mail:		E-mail:			Standard (5-7 Day)	X	
Samples Collected by: (print your name above and sign below) Mike Reiff		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other		Other:			
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
1A		GW		7/25/18 1130		8260 Full list		3 10a.s	
1C				1250					
1D				1450					
2A				7/24/18 1040					
2C				1100					
3A				1200					
3C				1240					
4A				1345					
4C				1445					
5A				1530					
Comments:		Preservation: (check all that apply)							
		HCl MeOH HNO3 H2SO4 NaOH ZnAc							
		Ascorbic Acid Other:							
Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
APL		7/31/18 0800		7/31/18		7/31/18 1612		Field Filtered Lab to Filter	
Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Relinquished by / Company		Date/Time		Samples Received in LAB by		Date/Time		Temp. Received at Lab	
				7/31/18 1627				1.2	



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YORK
ANALYTICAL LABORATORIES INC.

Field Chain-of-Custody Record

YORK Project No.

18G1276

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Page 2 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	WSP	Company:		Company:		770510. DLX LUP.00		RUSH - Next Day	
Address:	4 Westchester Park Dr White Plains NY	Address:		Address:		YOUR Project Name Deluxe		RUSH - Two Day	
Phone:	9146945711	Phone:		Phone:				RUSH - Three Day	
Contact:	Torman Weber	Contact:		Contact:				RUSH - Four Day	
E-mail:	Torman.Weber@WSP.com	E-mail:		E-mail:		YOUR PO#: 770510. DLX LUP.00		Standard (5-7 Day)	
Please 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.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) Mike Beiff 		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil / Other		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
SD		GW		7/24/18 1645		8260 Full list		3 VOCs	
6A				7/25/18 0830					
6D				↓ 1050					
7D				↓ 0800					
Matrix Spike (4c)				7/24 1445					
Matrix Spike Duplicate (4c)				↓ 1445					
Field Duplicate		V		7/25/18 1500					
Field Blank		W		---					
Trip Blank				---					
Comments:		Preservation: (check all that apply)		HCl ☒ MeOH ☒ HNO3 ☐ H2SO4 ☐ NaOH ☐ ZnAc ☐				Special Instruction	
		Ascorbic Acid ☐ Other: ☐		Date/Time 7/31/18 0800		Date/Time 7/31/18 1627		Field Filtered ☐	
		Samples Relinquished by / Company		Samples Relinquished by / Company		Samples Relinquished by / Company		Lab to Filter ☐	
		Date/Time 7/31/18 0800		Date/Time 7/31/18 1627		Date/Time 7/31/18 1627		Temp. Received at Lab 1-2	
		Received by / Company		Received by / Company		Received by / Company		Degrees C	
		Relinquished by / Company		Relinquished by / Company		Relinquished by / Company			

APPENDIX E



PREMIER ENVIRONMENTAL
SERVICES, INC.

DATA USABILITY SUMMARY REPORT (DUSR)
OF THE
DELUXE CORPORATION SITE

VOLATILE ORGANIC ANALYSES
(EPA METHOD 8260C)
IN AQUEOUS SAMPLES

YORK ANALYTICAL LABORATORIES, INC.
STRATFORD, CT

REPORT NUMBER: 18G1276

November 2018

Prepared for
WSP USA
White Plains, New York

Prepared by
Premier Environmental Services
2815 Covered Bridge Road
Merrick, New York 11566
(516)223-9761

NYS DEC Data Usability Summary Report

DATA VALIDATION FOR: Volatile Organic Analyses,
(EPA Methods: 8260C)

SITE: Deluxe Corporation Site

CONTRACT LAB: York Analytical Laboratories, Inc.
Stratford, CT

PROJECT NO.: 18G1276

REVIEWER: Renee Cohen

DATE REVIEW COMPLETED: November 2018

MATRIX: Aqueous

The data validation was performed according to the guidelines in the USEPA National Functional Guidelines for Organic Data Review and the USEPA Region II SOP HW-6-CLP Organic Data Review Preliminary Review. In addition, method and QC criteria specified in the NYSDEC ASP documents were cited. All data are considered valid and acceptable except those analytes which have been deemed unusable "R" (unreliable). Due to various QC problems some analytes may have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detect), or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All actions are detailed on the attached sheets.

Table 1 of this report includes a cross reference between the field sample ID and laboratory sample ID used to perform data validation. Definitions of the data qualifiers that may be used in this report are located in Appendix A of this report. Qualified data result pages are located in Appendix B of this report. A copy of the Chain of Custody (COC) document is located in Appendix C of this report.

This sample set included fourteen (14) aqueous field samples, one (1) Field Duplicate sample, one (1) Field Blank sample and one (1) Trip Blank sample. This data assessment is for the organic analyses listed on the COC documents that accompanied the samples to the laboratory. The samples were collected July 24, 2018 and July 25, 2018. The samples were received at York Analytical Laboratories located in Stratford, CT on July 31, 2018 to be analyzed for the parameters listed on the COC documents. This data report is the review of the Volatile Organic Compounds (VOCs).

ORGANIC DATA ASSESSMENT

1. OVERVIEW:

Samples associated with this data set were analyzed for Volatile Organic Analytes (VOA) as marked on the COC documentation that accompanied the sample set to the laboratory. All analyses were performed in accordance with USEPA Test Methods for the Evaluation of Solid Waste (SW846) as well as the NYSDC ASP methodologies. Data validation will utilize the validation guidelines in listed above, however, QA/QC requirements of the NYS DEC ASP will supersede CLP requirements in terms of calibration (where applicable) and holding time. York Analytical Laboratories generated a stand-alone report for each fraction in compliance with the NYS DEC ASP Category B deliverables. A summary of the applicable QC will be discussed at each section of the report.

Laboratory report 18G1278 consists of fifteen (15) aqueous field samples (including one (1) Field Blank sample), one (1) Field Blank sample and one (1) Trip Blank sample. The Chain of Custody document listed the field sample ID's that are summarized in Table 1 of this report. A copy of the COC documents are located in Appendix C of this report.

2. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. The NYS DEC ASP criteria specifies holding times for solid and soil samples. These holding times are based on Validated Time of Sample Receipt (VTSR). The holding times cited in the NY ASP were reviewed. EPA SW846 methods cite holding times based on collection date. The technical holding time for properly preserved aqueous Volatile Organic samples is fourteen (14) days.

Proper preservation of an aqueous sample is pH preservation (<pH2) and refrigeration at 4 degrees C or less until analysis. The holding time criteria for volatile organic sample analysis is that properly preserved samples are to be analyzed within ten (10) days of VTSR. The holding time criteria for non-aqueous semivolatile organic samples is that the extraction is to be completed within ten (10) days of VTSR and that analysis of the extract is to be completed within forty (40) days.

The samples in laboratory report 18G1276 were collected July 24, 2018 and July 25, 2018. The samples were received at the laboratory on July 31, 2018. These groundwater samples were received in appropriate glassware with proper preservation. The sample analyses and QC sample analyses associated with this data set were completed on August 6, 2018. The sample analyses associated with this data set were analyzed within the NYS DEC ASP holding time.

3. SURROGATES:

Samples to be analyzed for Volatile Organic Analytes (VOA) are fortified with three (3) method recommended surrogate compounds. These include 1,2-Dichloroethane-d4, Toluene d8 and 4-Bromofluorobenzene. These surrogate compounds are added to the sample prior to analysis to evaluate the overall laboratory performance and the efficiency of the analytical technique.

The laboratory reported in-house limits in terms of percent recovery of each surrogate compound. The surrogate percent recovery of each surrogate compound met QC criteria in each of the field samples and QC samples associated with this data set.

ORGANIC DATA ASSESSMENT

4. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Site specific MS/MSD analysis was performed on sample 4C (18G1276-09). Sample 4C was fortified with each of the reported target analytes. The percent recovery and RPD of each target analyte met in-house QC limits in the site-specific MS and MSD in-house sample percent recovery limits and RPD (0-30%).

In addition, the laboratory prepared and analyzed a one (1) Laboratory Control Sample and or Laboratory Control Sample Duplicate (LCS/LCSD) with each sample batch. Three (3) aqueous LCS/LCSD sample sets are reported with this data set. The laboratory fortified each with a full component spike solution. York Analytical Laboratories used a "CLP Like" QC summary form to report the data results. In-house QC limits were applied for each analyte.

The percent recovery (%) of each target analyte met QC criteria in each of the LCS sample batches with the exception of the following:

Batch ID	Analyte	Recovery	RPD
BH80203	Bromoform	Low/Low	OK
	cis 1,3-Dichloropropene	Low/Low	OK
	Tetrachloroethene	Low/Low	OK
	trans 1,3-Dichloropropene	Low/Low	OK
	cis 1,3-Dichloroethane	Low/Low	OK
BH80208	Tetrachloroethene	Ok/Low	OK
BH80266	Bromoform	Ok/Low	OK

Detected target analytes have been estimated "J/UJ" qualified when the % Recovery was below QC limit in the samples reported from these sample batches.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

5. BLANK CONTAMINATION:

Quality assurance (QA) blanks, such as the method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. Samples were only qualified when associated with the particular blank.

A) Method Blank contamination

Volatile Organic Analyses – Three (3) method blank samples are associated with this data set. Each of the method blank samples (Batch BH80203, BH80208 and BH80266) were free from contamination of target analytes.

B) Field Blank (ERB) contamination

The Field Blank sample was free from contamination of target and non-target analytes.

C) Trip Blank contamination

A Trip Blank sample associated with this data set. The Trip Blank sample was free from contamination of target and non-target analytes.

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance. Region USEPA and Region II criteria is the sample for all analytes in both GC/MS Volatile and GC/MS Semivolatile Organic analyses is the same, therefore, all text discussion is for VOA and SVOA samples analyses.

A) RESPONSE FACTOR

The response factor measures the instrument's response to specific chemical compounds. Region II data review requires that the response factor of all analytes be greater than or equal to 0.05 in both initial and continuing calibration analyses. A value less than 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Region II data validation criteria states that if the minimum RRF criteria are not met in an initial calibration the positive results are qualified "J". Non-detect results in the initial calibration with an RRF <0.05 are qualified "R", unusable. If RRF criteria is not met in the continuing calibration curve analysis, affected positive analytes will be qualified "J" estimated. Those analytes not detected are not qualified. The SW-846 Methods cite specific analytes known as System Performance Check Compounds (SPCC). Minimum response criteria are set for these analytes. If the minimum criteria are not met, analyses must stop, and the source of problems must be found and corrected. Data associated with this set has been reviewed for the criteria in the cited in the EPA Method and the Region II criteria.

Volatile Organic Analyses – One (1) aqueous initial calibration curve analysis was performed on Instrument V6 on July 25, 2018. The laboratory summarized the RRF data on the CLP Form 6A. The laboratory included all raw data and instrument summary forms in the data report for review. The average RRF of target compounds met QC criteria in these initial calibration curve analyses with the exception of:

Instrument ID	Date	Analyte	RRF
VOAMS6	7/25/18	1,4-Dioxane	0.002
		1,2-Dibromo-3-chloropropane	0.009
		2-Butanone	0.007

These target analytes have been deemed unusable "R" qualified in each of the samples reported in this data set.

A second source verification calibration standard (QV607906.D) was analyzed following the initial calibration curve analysis. Target analyte RRF criteria was met in this analysis.

Three (3) continuing calibration standard analyses are reported in this data set. RRF criteria reported in these CCV standards met QC criteria, except where previously qualified.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the compounds in the continuing calibration standard to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Region II data validation criteria states that the percent RSD of the initial calibration curve must be less than or equal to 20% for all compounds. The %D must be <20% in the continuing calibration standard. These criteria have been applied to all target analytes. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects may be flagged "UJ", based on professional judgment. If %RSD and %D grossly exceed QC criteria (>90%), non-detects data may be qualified "R", unusable. Data associated with this set has been reviewed for the criteria in the cited in the USEPA Data Validation Guidelines and the USEPA Region II criteria.

One (1) multi-level initial calibration curve analysis is associated with the samples reported in this data set. The laboratory performed the aqueous initial calibration analysis on July 25, 2018 (Inst. V6). The %RSD of target compounds met QC criteria with the exception of: the following target compounds: 4-methyl-2-pentanone (30.11%), Acrolein (31.43%), 1,1,1,2-Tetrachloroethane (26.83%), 1,1,1-Trichloroethane (21.87%), 1,1,2,2-Trichloroethane (27.95%), Freon 113 (21.94%), 1,2,3-Trichloroethane (20.52%), 1,1-Dichloroethane (20.52%), 1,1-Dichloroethene (20.55%), 1,2,3-Trichlorobenzene (26.84%), 1,2,3-Trichloropropane (25.31%), 1,2,4-Trichlorobenzene (28.17%), 1,2-Dibromoethane (21.9%), 1,2-Dichloroethane (25.92%), 1,2-Dichloropropane (21.19%) and 1,3-Dichlorobenzene (24.60%).

Samples reported in this data set have been estimated "J"/"UJ" qualified in each of the samples reported in this data set.

Three (3) continuing calibration standard analyses are associated with these initial calibration curve analyses. The % Difference of target analytes met QC criteria in each of the CCV standards associated with this data set with the exception of the following:

Date	File ID	Analyte	% Difference
8/3/18	QV60800.D	1,4-Dioxane	31.1
		Acrolein	59.0
		Bromomethane	26.9
		Chloromethane	59.4
		Dichlorodifluoromethane	>100
		tert Butyl Alcohol (TBA)	26.6
		trans 1,2-Dichloroethene	29.6
		Vinyl Chloride	89.1

ORGANIC DATA ASSESSMENT

6. GC/MS CALIBRATION:

B) PERCENT RELATIVE STANDARD DEVIATION (RSD) AND PERCENT DIFFERENCE (%D) (cont'd):

Date	File ID	Analyte	% Difference
8/6/18	QV608275.D	1,3,5-Trimethylbenzene	20.2
		2-Hexanone	28.9
		Acetone	57.1
		Carbon Disulfide	20.4
		Chloroethane	21.9
		Dichlorodifluoromethane	142
		Isopropylbenzene	22.0
		n-Butylbenzene	20.2
		n-Propylbenzene	22.5
		sec-Butylbenzene	22.3
		tert Butyl Alcohol (TBA)	40.9
		tert Butylbenzene	23.5
		Vinyl Chloride	>100
		Acrolein	27.9
		Bromomethane	37.6
8/6/18	QV608299.D	Chloromethane	94.9
		Dichlorodifluoromethane	>100
		Methylene Chloride	20.3
		n-Butylbenzene	20.4
		Vinyl Chloride	>100

Target analytes in these associated CCV standard analyses have been estimated have been qualified "J"/"UJ" qualified in the associated field samples.

Qualified data result pages are located in Appendix B of this report.

7. GC/MS MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is Bromofluorobenzene (BFB). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R". The tuning compound for semivolatile organic analyses is decafluorotriphenylphosphine (DFTPP). If the mass calibration is in error, or missing, all associated data will be classified as unusable, "R".

The tune criteria listed in the data report met or exceeded that required by the method. All tuning criteria associated with these sample analyses were met.

ORGANIC DATA ASSESSMENT

8. GC/MS INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every run. The method recommends that the internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The method recommends that the retention time of the internal standard must not vary more than ± 30 seconds from the associated continuing calibration standard. The EPA CLP validation guidelines state that if the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified estimated, "J", and all non-detects below 50% are qualified "UJ", non-detects above 100% should not be qualified or "R" if there is a severe loss of sensitivity. The internal standard area count evaluation criteria are applied to all field and QC samples.

Samples are fortified with the internal standards Chlorobenzene-d5, Fluorobenzene and 1,2-Dichlorobenzene-d4 prior to analysis. The area counts, and retention time of each internal standard met QC criteria in each of the field samples and QC samples associated with this data set.

9. COMPOUND IDENTIFICATION:

Target compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary ion intensities with 20% of that in the standard compound.

Laboratory Report 18G1276 included the analysis of fourteen (14) aqueous samples, one (1) Field Duplicate Blank sample, one (1) Field Blank sample and one (1) Trip Blank sample. The samples were analyzed in accordance with EPA Method 8260C. The EPA Method 8260C list of compounds was reported. Sample results between the laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ) are reported "J" qualified by the laboratory.

York Analytical Laboratories reported one (1) result for each target analyte in each sample. The result pages summarize the final target analyte result and dilution utilized to report the result.

Sample 1A (18G1276-01) was initially analyzed 1:1 on August 6, 2018. The concentration of Tetrachloroethene was reported above the calibration range of the GCMS. The sample was reanalyzed from a 1:5 dilution analysis to report Tetrachloroethene within the calibration range of the GCMS. York Analytical Laboratories reported one (1) result page for each sample. The result page summarizes the final target analyte result and dilution utilized to report the result.

10. FIELD DUPLICATE ANALYSES:

Field duplicate samples are collected and analyzed as an indication of overall precision. Field duplicate results are expected to have more variability than laboratory duplicate samples. Soil sample results are expected to have more variation due to the non-homogeneity of soil samples.

Sample 4A (18G1276-08) was collected in duplicate and reported in this data set. A review of detected analytes was performed. The relative percent difference (RPD) of detected analytes met QC criteria in the field duplicate sample analyses with the exception of cis 1,2-Dichloroethene (41.5%) and Tetrachloroethene (37.5%). cis 1,2-Dichloroethene and Tetrachloroethene has been estimated "J" qualified in the parent sample and field duplicate sample reported in this data set.

Qualified data result pages are located in Appendix B of this report.

ORGANIC DATA ASSESSMENT

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

Analytical/method QC criteria was met for these analyses except where explained in the laboratory case narrative and detailed in this validation report. The data reported by the laboratory agrees with the raw data provided in the final report with the exception of that detailed in the above report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package. All QC anomalies associated with this data set have been explained in the above sections of this DUSR report.

All sample results are reported to the LOQ. An analyte concentration reported between the LOD and LOQ are "J" qualified by the laboratory. Reporting limits and positive results are adjusted based on the sample volume/weight utilized for each extraction procedure. Sample data results in this data set are acceptable for use, with noted data qualifiers. 1,2-Dibromo-3-Chloropropan, 1,4-Dioxane and 2- Butanone have been deemed "unusable" "R" qualified due to the low response factor in the calibration analysis. These target analytes have been qualified in each of the samples reported in this data set.

Appendix B of this report contains copies of qualified data result pages.

TABLE 1

FIELD SAMPLE ID**LABORATORY ID**

1A	18G1276-01
1C	18G1276-02
1D	18G1276-03
2A	18G1276-04
2C	18G1276-05
3A	18G1276-06
3C	18G1276-07
4A	18G1276-08
4C	18G1276-09
5A	18G1276-10
5D	18G1276-11
6A	18G1276-12
6D	18G1276-13
7D	18G1276-14
Field Duplicate	18G1276-15
Trip Blank	18G1276-16
Field Blank	18G1276-17

APPENDIX A

DATA QUALIFIER DEFINITIONS

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

NJ - The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

UJ - The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R - The sample results are unreliable/unusable. The presence or absence of the analyte cannot be verified.

APPENDIX B

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-01File ID: QV608296.DSampled: 07/25/18 11:30Prepared: 08/06/18 08:00Analyzed: 08/06/18 20:54

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	0.23	J	J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	0.44	J	J
75-35-4	1,1-Dichloroethylene	1	0.50	U	UJ
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	UJ
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	0.50	U	R
591-78-6	2-Hexanone	1	0.50	U	UJ
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	5.2		J
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.50	U	
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	
74-83-9	Bromomethane	1	0.50	U	
75-15-0	Carbon disulfide	1	0.50	U	UJ
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	UJ
67-66-3	Chloroform	1	1.5		
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	22		
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-01File ID: QV608296.DSampled: 07/25/18 11:30Prepared: 08/06/18 08:00Analyzed: 08/06/18 20:54

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.32	J
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	120	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.42	J
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
Toluene-d8	10.0	9.37	93.7	81 - 117	
p-Bromofluorobenzene	10.0	10.8	108	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	122583	6.111	130881	6.109	
Chlorobenzene-d5	460086	9.172	477558	9.166	
1,2-Dichlorobenzene-d4	174499	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-01RE1File ID: QV608207.DSampled: 07/25/18 11:30Prepared: 08/03/18 06:00Analyzed: 08/03/18 11:05

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80203Sequence: Y8H0619Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
127-18-4	Tetrachloroethylene	5	110	D

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	9.90	99.0	69 - 130	
Toluene-d8	10.0	9.51	95.1	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	146216	6.109	145212	6.109	
Chlorobenzene-d5	538381	9.166	544919	9.169	
1,2-Dichlorobenzene-d4	175718	12.154	197536	12.152	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1C

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-02File ID: QV608284.DSampled: 07/25/18 12:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:04

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.57	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.89	U
75-35-4	1,1-Dichloroethylene	1	0.82	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1C

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-02File ID: QV608284.DSampled: 07/25/18 12:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:04

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	9.77	97.7	69 - 130	
Toluene-d8	10.0	9.81	98.1	81 - 117	
p-Bromofluorobenzene	10.0	11.0	110	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	132974	6.109	130881	6.109	
Chlorobenzene-d5	481547	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	163106	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

1D

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-03File ID: QV608285.DSampled: 07/25/18 14:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:31

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.53	U
67-64-1	Acetone	1	13	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.31	J
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

ID

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-03File ID: QV608285.DSampled: 07/25/18 14:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:31

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.25	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.2	102	69 - 130	
Toluene-d8	10.0	9.65	96.5	81 - 117	
p-Bromofluorobenzene	10.0	11.9	119	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	130425	6.112	130881	6.109	
Chlorobenzene-d5	486570	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	163034	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

2A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-04File ID: QV608286.DSampled: 07/24/18 10:40Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:59

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	4.6	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.44	J
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

2A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-04File ID: QV608286.DSampled: 07/24/18 10:40Prepared: 08/06/18 08:00Analyzed: 08/06/18 15:59Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
Toluene-d8	10.0	9.53	95.3	81 - 117	
p-Bromofluorobenzene	10.0	11.3	113	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	129659	6.111	130881	6.109	
Chlorobenzene-d5	486665	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	162540	12.16	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-05File ID: QV608287.DSampled: 07/24/18 11:00Prepared: 08/06/18 08:00Analyzed: 08/06/18 16:28

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.93	
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	1.5	
75-35-4	1,1-Dichloroethylene	1	1.1	
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

2C

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-05 File ID: QV608287.D
 Sampled: 07/24/18 11:00 Prepared: 08/06/18 08:00 Analyzed: 08/06/18 16:28
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80208 Sequence: Y8H0632 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.1	101	69 - 130	
Toluene-d8	10.0	9.35	93.5	81 - 117	
p-Bromofluorobenzene	10.0	11.0	110	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	131168	6.109	130881	6.109	
Chlorobenzene-d5	510201	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	166793	12.16	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

3A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-06File ID: QV608288.DSampled: 07/24/18 12:00Prepared: 08/06/18 08:00Analyzed: 08/06/18 16:56

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

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FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

3A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-06File ID: QV608288.DSampled: 07/24/18 12:00Prepared: 08/06/18 08:00Analyzed: 08/06/18 16:56

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.22	J
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
Toluene-d8	10.0	9.08	90.8	81 - 117	
p-Bromofluorobenzene	10.0	10.8	108	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	122428	6.114	130881	6.109	
Chlorobenzene-d5	492785	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	174215	12.16	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

3C

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-07 File ID: QV608289.D
 Sampled: 07/24/18 12:40 Prepared: 08/06/18 08:00 Analyzed: 08/06/18 17:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80208 Sequence: Y8H0632 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	1.2		J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	UJ
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	1.5		J
75-35-4	1,1-Dichloroethylene	1	0.98		J
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	UJ
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	0.50	U	R
591-78-6	2-Hexanone	1	0.50	U	UJ
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	2.0	U	UJ
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.50	U	
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	
74-83-9	Bromomethane	1	0.50	U	
75-15-0	Carbon disulfide	1	0.50	U	UJ
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	UJ
67-66-3	Chloroform	1	0.50	U	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

3C

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-07 File ID: QV608289.D
 Sampled: 07/24/18 12:40 Prepared: 08/06/18 08:00 Analyzed: 08/06/18 17:25
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80208 Sequence: Y8H0632 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
Toluene-d8	10.0	9.50	95.0	81 - 117	
p-Bromofluorobenzene	10.0	11.2	112	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	128142	6.114	130881	6.109	
Chlorobenzene-d5	492283	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	162662	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

4A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-08File ID: QV608290.DSampled: 07/24/18 13:45Prepared: 08/06/18 08:00Analyzed: 08/06/18 17:54

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.83	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.33	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	3.2	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

4A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-08File ID: QV608290.DSampled: 07/24/18 13:45Prepared: 08/06/18 08:00Analyzed: 08/06/18 17:54

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	13	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	2.5	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	9.22	92.2	81 - 117	
p-Bromofluorobenzene	10.0	10.9	109	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	129402	6.109	130881	6.109	
Chlorobenzene-d5	513924	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	171888	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

4C

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-09File ID: QV608305.DSampled: 07/24/18 14:45Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:00Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	1.2		J
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	UJ
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	1.5		J
75-35-4	1,1-Dichloroethylene	1	1.1		J
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	0.50	U	R
591-78-6	2-Hexanone	1	0.50	U	
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	2.0	U	
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.50	U	
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	UJ
74-83-9	Bromomethane	1	0.50	U	UJ
75-15-0	Carbon disulfide	1	0.50	U	
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	
67-66-3	Chloroform	1	0.50	U	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

4C

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-09File ID: QV608305.DSampled: 07/24/18 14:45Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:00

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.8	108	69 - 130	
Toluene-d8	10.0	9.20	92.0	81 - 117	
p-Bromofluorobenzene	10.0	10.7	107	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	115855	6.114	125380	6.114	
Chlorobenzene-d5	468230	9.172	483296	9.172	
1,2-Dichlorobenzene-d4	162061	12.157	186086	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

5A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-10File ID: QV608291.DSampled: 07/24/18 15:30Prepared: 08/06/18 08:00Analyzed: 08/06/18 18:22

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.56	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	3.2	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.65	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

5A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-10File ID: QV608291.DSampled: 07/24/18 15:30Prepared: 08/06/18 08:00Analyzed: 08/06/18 18:22

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	11	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	1.4	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
Toluene-d8	10.0	9.23	92.3	81 - 117	
p-Bromofluorobenzene	10.0	10.0	100	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	127171	6.114	130881	6.109	
Chlorobenzene-d5	480182	9.172	477558	9.166	
1,2-Dichlorobenzene-d4	183935	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

5D

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-11File ID: QV608292.DSampled: 07/24/18 16:45Prepared: 08/06/18 08:00Analyzed: 08/06/18 18:51

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	7.2	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.24	J
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

SD

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-11File ID: QV608292.DSampled: 07/24/18 16:45Prepared: 08/06/18 08:00Analyzed: 08/06/18 18:51

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.23	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.6	106	69 - 130	
Toluene-d8	10.0	9.85	98.5	81 - 117	
p-Bromofluorobenzene	10.0	10.7	107	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	128008	6.114	130881	6.109	
Chlorobenzene-d5	472895	9.169	477558	9.166	
1,2-Dichlorobenzene-d4	175603	12.157	170011	12.154	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

6A

Laboratory: York Analytical Laboratories, Inc.

SDG: 18G1276

Client: WSP USA, Inc. (White Plains)

Project: 770510.DLXLVP.00

Matrix: Water

Laboratory ID: 18G1276-12

File ID: QV608293.D

Sampled: 07/25/18 08:50

Prepared: 08/06/18 08:00

Analyzed: 08/06/18 19:20

Solids:

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Batch: BH80208

Sequence: Y8H0632

Calibration: YG80021

Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.81	
67-64-1	Acetone	1	16	
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

6A

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-12File ID: QV608293.DSampled: 07/25/18 08:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 19:20Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	2.2	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	9.36	93.6	81 - 117	
p-Bromofluorobenzene	10.0	10.0	100	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	123069	6.111	130881	6.109	
Chlorobenzene-d5	470072	9.172	477558	9.166	
1,2-Dichlorobenzene-d4	181126	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

6D

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-13File ID: QV608295.DSampled: 07/25/18 10:50Prepared: 08/06/18 08:00Analyzed: 08/06/18 20:18

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80208Sequence: Y8H0632Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	0.50	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	UJ
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	0.50	U	UJ
75-35-4	1,1-Dichloroethylene	1	0.50	U	UJ
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	UJ
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	3.3		R
591-78-6	2-Hexanone	1	0.50	U	UJ
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	9.2		J
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.65		
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	
74-83-9	Bromomethane	1	0.50	U	
75-15-0	Carbon disulfide	1	0.50	U	UJ
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	UJ
67-66-3	Chloroform	1	0.50	U	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

6D

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-13 File ID: QV608295.D
 Sampled: 07/25/18 10:50 Prepared: 08/06/18 08:00 Analyzed: 08/06/18 20:18
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80208 Sequence: Y8H0632 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.47	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.5	105	69 - 130	
Toluene-d8	10.0	9.47	94.7	81 - 117	
p-Bromofluorobenzene	10.0	10.8	108	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	122631	6.114	130881	6.109	
Chlorobenzene-d5	461661	9.172	477558	9.166	
1,2-Dichlorobenzene-d4	165570	12.157	170011	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

7D

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-14File ID: QV608306.DSampled: 07/25/18 08:00Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:27Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	0.50	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	UJ
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	0.50	U	UJ
75-35-4	1,1-Dichloroethylene	1	0.50	U	UJ
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	UJ
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	2.8		R
591-78-6	2-Hexanone	1	0.38	J	
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	2.5		
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.83		
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	UJ
74-83-9	Bromomethane	1	0.50	U	UJ
75-15-0	Carbon disulfide	1	0.50	U	
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	
67-66-3	Chloroform	1	0.50	U	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

7D

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-14File ID: QV608306.DSampled: 07/25/18 08:00Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:27Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	4.5	
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.41	J
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.4	104	69 - 130	
Toluene-d8	10.0	9.79	97.9	81 - 117	
p-Bromofluorobenzene	10.0	10.5	105	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	127644	6.114	125380	6.114	
Chlorobenzene-d5	465251	9.169	483296	9.172	
1,2-Dichlorobenzene-d4	170939	12.157	186086	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Field Duplicate

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-15File ID: QV608307.DSampled: 07/24/18 15:00Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:54

Solids:

Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.97	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.43	J
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	2.1	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Field Duplicate

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-15File ID: QV608307.DSampled: 07/24/18 15:00Prepared: 08/06/18 14:00Analyzed: 08/07/18 01:54Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80266Sequence: Y8H0724Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	19	
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	2.6	
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.7	107	69 - 130	
Toluene-d8	10.0	9.07	90.7	81 - 117	
p-Bromofluorobenzene	10.0	10.0	100	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	123732	6.114	125380	6.114	
Chlorobenzene-d5	462164	9.172	483296	9.172	
1,2-Dichlorobenzene-d4	172644	12.157	186086	12.154	

* Values outside of QC limits

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Field Blank

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-16 File ID: QV608206.D
 Sampled: 07/25/18 15:00 Prepared: 08/03/18 06:00 Analyzed: 08/03/18 10:38
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80203 Sequence: Y8H0619 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U	UJ
71-55-6	1,1,1-Trichloroethane	1	0.50	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U	UJ
79-00-5	1,1,2-Trichloroethane	1	0.50	U	UJ
75-34-3	1,1-Dichloroethane	1	0.50	U	UJ
75-35-4	1,1-Dichloroethylene	1	0.50	U	UJ
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U	UJ
96-18-4	1,2,3-Trichloropropane	1	0.50	U	UJ
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U	
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U	
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U	R
106-93-4	1,2-Dibromoethane	1	0.50	U	UJ
95-50-1	1,2-Dichlorobenzene	1	0.50	U	
107-06-2	1,2-Dichloroethane	1	0.50	U	UJ
78-87-5	1,2-Dichloropropane	1	0.50	U	UJ
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U	
541-73-1	1,3-Dichlorobenzene	1	0.50	U	UJ
106-46-7	1,4-Dichlorobenzene	1	0.50	U	
123-91-1	1,4-Dioxane	1	40	U	R
78-93-3	2-Butanone	1	0.50	U	R
591-78-6	2-Hexanone	1	0.50	U	
108-10-1	4-Methyl-2-pentanone	1	0.50	U	UJ
67-64-1	Acetone	1	2.0	U	
107-02-8	Acrolein	1	0.50	U	UJ
107-13-1	Acrylonitrile	1	0.50	U	
71-43-2	Benzene	1	0.50	U	
74-97-5	Bromochloromethane	1	0.50	U	
75-27-4	Bromodichloromethane	1	0.50	U	
75-25-2	Bromoform	1	0.50	U	UJ
74-83-9	Bromomethane	1	0.50	U	UJ
75-15-0	Carbon disulfide	1	0.50	U	
56-23-5	Carbon tetrachloride	1	0.50	U	
108-90-7	Chlorobenzene	1	0.50	U	
75-00-3	Chloroethane	1	0.50	U	
67-66-3	Chloroform	1	0.50	U	
74-87-3	Chloromethane	1	0.50	U	UJ
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U	UJ
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U	UJ
110-82-7	Cyclohexane	1	0.50	U	

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Field Blank

Laboratory: York Analytical Laboratories, Inc.SDG: 18G1276Client: WSP USA, Inc. (White Plains)Project: 770510.DLXLVP.00Matrix: WaterLaboratory ID: 18G1276-16File ID: QV608206.DSampled: 07/25/18 15:00Prepared: 08/03/18 06:00Analyzed: 08/03/18 10:38Solids: Preparation: EPA 5030BInitial/Final: 25 mL / 25 mLBatch: BH80203Sequence: Y8H0619Calibration: YG80021Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.3	103	69 - 130	
Toluene-d8	10.0	9.62	96.2	81 - 117	
p-Bromofluorobenzene	10.0	11.6	116	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	143185	6.111	145212	6.109	
Chlorobenzene-d5	529243	9.169	544919	9.169	
1,2-Dichlorobenzene-d4	171165	12.152	197536	12.152	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Trip Blank

Laboratory: York Analytical Laboratories, Inc.

SDG: 18G1276

Client: WSP USA, Inc. (White Plains)

Project: 770510.DLXLVP.00

Matrix: Water

Laboratory ID: 18G1276-17

File ID: OV608205.D

Sampled: 07/25/18 15:00

Prepared: 08/03/18 06:00

Analyzed: 08/03/18 10:11

Solids:

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Batch: BH80203

Sequence: Y8H0619

Calibration: YG80021

Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	0.50	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	0.50	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	0.50	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
108-10-1	4-Methyl-2-pentanone	1	0.50	U
67-64-1	Acetone	1	2.0	U
107-02-8	Acrolein	1	0.50	U
107-13-1	Acrylonitrile	1	0.50	U
71-43-2	Benzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
75-15-0	Carbon disulfide	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
110-82-7	Cyclohexane	1	0.50	U

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA 8260C

Trip Blank

Laboratory: York Analytical Laboratories, Inc. SDG: 18G1276
 Client: WSP USA, Inc. (White Plains) Project: 770510.DLXLVP.00
 Matrix: Water Laboratory ID: 18G1276-17 File ID: QV608205.D
 Sampled: 07/25/18 15:00 Prepared: 08/03/18 06:00 Analyzed: 08/03/18 10:11
 Solids: Preparation: EPA 5030B Initial/Final: 25 mL / 25 mL
 Batch: BH80203 Sequence: Y8H0619 Calibration: YG80021 Instrument: QVOA6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
124-48-1	Dibromochloromethane	1	0.50	U
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
79-20-9	Methyl acetate	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
108-87-2	Methylcyclohexane	1	0.50	U
75-09-2	Methylene chloride	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
179601-23-1	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
75-65-0	tert-Butyl alcohol (TBA)	1	1.0	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
110-57-6	trans-1,4-dichloro-2-butene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	9.99	99.9	69 - 130	
Toluene-d8	10.0	9.66	96.6	81 - 117	
p-Bromofluorobenzene	10.0	11.4	114	79 - 122	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Fluorobenzene	146895	6.111	145212	6.109	
Chlorobenzene-d5	536547	9.169	544919	9.169	
1,2-Dichlorobenzene-d4	178856	12.152	197536	12.152	

* Values outside of QC limits

APPENDIX C



YORK
ANALYTICAL LABORATORIES, INC.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford CT 06615 Queens NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

YORK Project No.

1861276

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 2

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company WSP	Company	Company	Company	770510.DLXLUP20	RUSH - Next Day
Address 4 Westchester Park Dr White Plains, NY	Address SAME	Address SAME	Address		RUSH - Two Day
Phone 914 644 5711	Phone	Phone	Phone		RUSH - Three Day
Contact Jorma Weber	Contact	Contact	Contact		RUSH - Four Day
Email Jorma.Weber@wsp.com	Email	Email	Email	YOUR Project Name Deluxe	Standard (5-7 Day) ☒
				YOUR PO#: 770510.DLXLUP20	

Please 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.

Mike Ruff

Samples Collected by (print your name above and sign below)

[Signature]

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York ☒	Summary Report	CT RCP
GW - groundwater	New Jersey	QA Report	CT RCP DOA/DUE
DW - drinking water	Connecticut	NY ASP A Package	Standard Excel EDD
WW - wastewater	Pennsylvania	NY ASP B Package	EQUS (Standard)
O - Oil : Other	Other	NJDEP Reduced Deliverables	NYSDEC EQUS
		NJDKOP	NJDEP SRP HazSite
		Other	

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Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
1A	GW	7/25/18 1130	8260 Full list	3 Vials
1C		1250		
1D		1450		
2A		7/26/18 1040		
2C		1100		
3A		1200		
3C		1240		
4A		1345		
4C		1445		
5A		1530		

Comments:

Preservation: (check all that apply)

HCl ☒ MeOH ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ ZnAc ☐
Ascorbic Acid ☐ Other ☐

Special Instruction

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished by / Company <i>[Signature]</i>	Date/Time 7/31/18 0800	Samples Received by / Company <i>[Signature]</i>	Date/Time 7/31/18 1627	Samples Relinquished by / Company <i>[Signature]</i>	Date/Time 7/31/18 1627
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by TC Weber 7/31/18 1627	Temp. Received at Lab 1.2



York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
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Field Chain-of-Custody Record

YORK Project No.

18G1276

Page 2 of 2

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YOUR Information		Report To:	Invoice To:	YOUR Project Number		Turn-Around Time	
Company WSP	Company	Company	Company	770510 DLX 2UP.03		RUSH - Next Day	
Address 4 Westchester Park Dr White Plains NY	Address	Address	Address	YOUR Project Name Deluxe		RUSH - Two Day	
Phone 9146945711	Phone	Phone	Phone			RUSH - Three Day	
Contact Tormar Weber	Contact	Contact	Contact			RUSH - Four Day	
Email Tormar.Weber@WSP.com	Email	Email	Email	YOUR PO#: 770510.DLX 2UP.03		Standard (5-7 Day) ☒	
Please 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. Mike Reiff Samples Collected by (print your name above and sign below) 		Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
		S - soil - solid GW - groundwater DW - drinking water WW - wastewater O - Oil : Other	New York ☒ New Jersey Connecticut Pennsylvania Other	Summary Report QA Report NY ASP A Package NY ASP B Package	CT RCP CT RCP DOA DUE NJDEP Reduced Deliverables NJDKQP	Standard Excel EDD EQUS (Standard) NYSDEC EQUS NJDEP SRP HazSite Other	Compared to the following Regulations: ☐
Sample Identification		Sample Matrix	Date/Time Sampled	Analysis Requested			Container Description
SD		GW	7/24/18 1645	8260 Full list			3 vials
6A			7/25/18 0850				
6D			↓ 1050				
7D			↓ 0800				
Matrix Spike (4c)			7/24 1445				
Matrix Spike Duplicate (4c)			↓ 1445				
Field Duplicate			—				
Field Blank		✓	7/25/18 1500				
TRIP Blank		W	—				2 vials
Comments:				Preservation: (check all that apply)			Special Instruction
				HCl ☒ MeOH ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ ZnAc ☐ Ascorbic Acid ☐ Other ☐			Field Filtered ☐ Lab to Filter ☐
Samples Relinquished by / Company		Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	
		7/31/18 1800		7/31/18 1604		7/31/18 1607	
Samples Received by / Company		Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	
Samples Relinquished by / Company		Date/Time	Samples Received by / Company	Date/Time	Samples Received by / Company	Date/Time	Temp. Received at Lab
					TC Miller 7/31/18 1627		1-2

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APPENDIX F

**SITE-WIDE INSPECTION FORM
DELUXE CORPORATION
FORMER CHECK PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK**

**NYSDEC SITE #V00339-7
VCA #A7-0419-0005**

Site Owner:	QMC Group
Site Use Limited to Industrial and/or Commercial	Yes, verified on July 25, 2018.
Use of On-Site Groundwater	No, site supplied with public water.
Declaration of Covenants & Restrictions on Record with Onandaga County:	Yes, verified on July 25, 2018.
Condition of Onsite Monitor Wells:	Monitor wells in good condition.

Inspected By:



(signature)

Mike Renff

(print name)

7/25/18

(date)

APPENDIX G

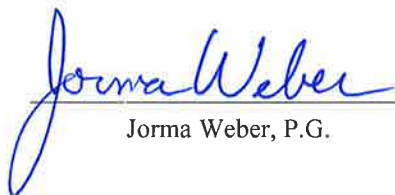
ANNUAL CERTIFICATION OF ENGINEERING AND INSTITUTIONAL CONTROLS
NYSDEC SITE #V-00339-7
FORMER DELUXE PRINTING FACILITY
4707 DEY ROAD
LIVERPOOL, NEW YORK

October 10, 2017 through October 9, 2018

As described and required by the Site Management Plan, and as a Qualified Environmental Professional (QEP), I certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The control employed is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- Access to the Site will continue to be provided to the NYSDEC to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the Site is compliant with the Declaration of Covenants and Restrictions recorded with the Onondaga County Clerk's office;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program and generally accepted engineering practices;
- The information presented in the Periodic Review Report is accurate and complete; and,
- No new information has come to my attention, including groundwater monitoring data from wells located at the Site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of offsite contamination are no longer valid.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Jorma Weber, P.G. of WSP, 4 Westchester Park Drive, Suite 175, White Plains, New York, 10604, am certifying as the Deluxe Corporation Designated Site Representative that all of the above statements are true.


Jorma Weber, P.G.



Date: 12/5/18

WSP USA