October 23, 2018

Ms. Pamela Tames
Superfund Remedial Project Manager
U.S. Environmental Protection Agency, Region II
NY/Caribbean Superfund Branch II
Emergency & Remedial Response Division
290 Broadway, 20th Floor
New York, NY 10007-1688

RE: **DRAFT MARCH 2018 SEMI-ANNUAL GROUNDWATER QUALITY UPDATE**
Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
Sag Harbor, New York

Dear Ms. Tames:

WSP USA (WSP) (formerly LBG Hydrogeologic & Engineering Services, P.C. (LBGHES)) has completed the 2018 March groundwater quality monitoring event for select monitor and recovery wells at the Former Rowe Industries Superfund Site (the Site) in Sag Harbor, New York (Figures 1 and 2). The purpose of the groundwater sampling is the long-term monitoring of groundwater quality at the Site. The following sections summarize a brief site history, groundwater sampling procedures, groundwater quality results, findings, conclusions and recommendations.

SITE BACKGROUND

The site was historically used to manufacture various electrical components such as copper coils for toy slot cars. Degreasers used in the manufacturing process were disposed of in several drywells and were also stored in drums in the Former Drum Storage Area (FDSA) that eventually leaked to the ground surface. The contamination was detected in nearby drinking water wells during the mid-1980s, and the Suffolk County Department of Health investigation identified the source as the property occupied by Sag Harbor Industries (SHI). The subsequent remedial investigation identified the compounds of concern (COCs) as tetrachloroethylene (PCE), trichloroethylene (TCE) and 1,1,1-trichloroethane (TCA). A groundwater contaminant plume extended northwesterly from the FDSA for over ½-mile toward a brackish estuary named Ligonee Creek and Sag Harbor Cove.

Multiple remedial actions have been conducted at the Site including excavation, soil-vapor extraction/air sparge (SVE/AS), pump and treat and in-situ injection, resulting in the removal of over 700 lbs. of COCs from soil and groundwater.

In 2000, a focused groundwater pump and treat system (FP&T) was installed to address the most impacted groundwater located on top of a shallow clay lens in the FDSA. The FP&T system includes four focus recovery wells, FRW-1 through 4; each capable of producing water at an approximate pumping

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rate of 1 to 6 gpm (gallons per minute). Between 2000 and 2002, a full-scale pump and treat (FSP&T) system was constructed with nine downgradient recovery wells (RW-1 thru 9), and piped to a two-story remediation building located on the SHI property. Operation of the FSP&T system commenced in December 2002. Computer modeling indicated that with continuous full operation, 99% of the plume would be removed in 11 years.

On July 13, 2005, the operation of RW-1 was discontinued with permission from the EPA after observing water-quality results below the laboratory reporting limits of 1 ug/l (micrograms per liter) for over two years. Subsequently, the RWs, with the exception of RW-2 which continues to operate today, were shut down after achieving water-quality results below Applicable or Relevant and Appropriate Requirements (ARAR) for over three years:

- RW-3 was shut down on May 21, 2012;
- RW-4 was shut down on January 1, 2014;
- RW-5 was shut down on May 23, 2012;
- RW-6 was shut down on January 1, 2014;
- RW-7 was shut down on January 1, 2014;
- RW-8 was shut down on April 30, 2012; and
- RW-9 was shut down on April 30, 2012.

In accordance with the approved Limited Shutdown Plan of May 29, 2012 (RW-3, 5, 8 and 9) and October 18, 2013 (RW-4, 6 and 7), each of the RWs that were shut down were monitored monthly for six months followed by quarterly monitoring for one year, and then followed by semi-annual monitoring for the remainder of the operation of the FSP&T system. Rebound of COC concentrations has not been observed at RW-1, RW-2, RW-3 or downgradient from these wells since the shutdown of the RWs. As of January 1, 2014, the groundwater extraction system had reduced the plume to a small area of the FDSA and removed 229 lbs. of COCs from groundwater. Five recovery wells – FRW-1 thru 4 and RW-2 remain in operation.

Semi-annual groundwater quality samples are collected in March and September, and the annual groundwater quality samples are also collected in September of each year. The FRWs and RW-2 will continue to be monitored monthly for groundwater quality. The current well network and associated sampling frequency are presented in Table 1.

SEMI-ANNUAL GROUNDWATER MONITORING ACTIVITIES

WSP completed semi-annual groundwater sampling on March 29, 2018, which included the collection of groundwater samples from select wells for laboratory analysis. Due to persistent snow cover during the month of March, groundwater levels in select monitor and recovery wells were measured between April 12 and 18, 2018. The March 2018 groundwater quality monitoring event included the collection of samples from 7 monitor wells, RW-2 and the 4 FRWs for a total of 12 wells.

Groundwater Level Measurements

The depth-to-water (DTW) levels were measured with an electronic water-level indicator (e-tape); the measurements at each location being referenced to the top of casing (TOC). The groundwater elevations were calculated by subtracting the DTW measurements from the TOC elevations. The e-tape was decontaminated between use at each well using Alconox (a detergent) and deionized water (DI).

On April 18, 2018, as part of the groundwater sampling event, DTW levels were measured in select monitor and recovery wells during static conditions (with the recovery wells turned off) and these data were used to calculate the groundwater elevations (Table 2 and Figure 3).

A round of DTW levels were measured in select monitor and recovery wells during pumping conditions on April 12, 2018. These data were used to calculate groundwater elevations with RW-2 and FRW-1 thru 4 operating and to estimate the capture zones (Table 2 and Figure 4).

Groundwater Sampling

Water samples were collected from the four FRWs and RW-2 via sample ports, which is the standard procedure during monthly groundwater quality sampling for these wells. All other groundwater samples were collected in accordance with the EPA low-flow sampling technique guidelines.

Field parameters were monitored with a calibrated Horiba U52 meter and flow-thru cell for pH, conductivity, turbidity, dissolved oxygen (DO), temperature and oxidation reduction potential (ORP). Copies of the field sampling sheets are included in Appendix I. New tubing was used to collect the sample at each well and, due to the historical contaminants at the Site, spent tubing and personal protective equipment (PPE) were treated as hazardous waste, drummed, labeled and stored onsite for disposal at a later time. Groundwater samples were collected in laboratory-supplied vials, preserved with hydrochloric acid (HCl), stored in dedicated coolers with ice and then delivered to a NYS-certified laboratory using proper chain-of-custody (COC) procedures. The groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8260.

Quality Assurance/Quality Control

For Quality Assurance/Quality Control (QA/QC) purposes, one trip blank (TB) and one equipment blank (EB), were analyzed. TBs are preserved vials prepared by the laboratory with DI water and shipped with the sample vials. The TB was carried by the sampling hydrogeologist with his vials, and then returned to the laboratory for analysis in order to rule out inadvertent exposure of the vials or samples to VOCs. The sampling hydrogeologist collected an EB by running DI water through tubing and equipment in the field following the same procedures as the collection of groundwater samples with clean, single-use tubing, and then submitted to the laboratory for analysis in order to rule out any cross contamination from the tubing or equipment.

Acetone was detected in both the trip blank and equipment blank at estimated concentrations ranging from 1 to 5 ug/L. The concentration is estimated due to its behavior during laboratory instrument calibration. Acetone is commonly used for cleaning purposes in laboratory equipment and is considered a laboratory artifact at the estimated concentration range noted. Based on the evaluation of the results of the QA/QC analyses, the laboratory data are usable for their intended purpose.

Groundwater Level Measurement Discussion

The water-table elevation data from the sampling event collected during static and pumping conditions were evaluated and used to construct water-table elevation contour maps (Figures 3 and 4, respectively). As depicted by the contour maps, the interpreted groundwater flow direction at the Site is to the northwest towards Sag Harbor Cove; which is consistent with the flow direction determined during previous monitoring events. When compared to the March and September 2017 static groundwater elevations, the April 2018 static groundwater elevations are approximately 1.2 feet and 1.7 feet higher, respectively, but are within the historic range of water elevation fluctuation. When compared to the September 2017 static groundwater elevations, the April 2018 groundwater elevations are approximately 1.7 feet higher; indicating a wetter than normal late winter and spring.

The groundwater contours were evaluated to assess the capture zones (Figure 4). The capture zone lines for the recovery wells are shown as dashed red lines. Figure 4 indicates that the operation of the FRW-1, 2, 3, and 4 wells continues to capture groundwater from the FDSA and the RW-2 capture zone continues to cover the FDSA.

Semi-Annual Groundwater Quality Results and Discussion

PCE, TCA, TCE and 1,2 cis-dichloroethylene (DCE) concentrations are summarized on Tables 3, 4, 5 and 6, respectively. Laboratory analytical reports are provided in Appendix II. PCE, TCE, TCA, and DCE concentrations in the sample from RW-2, located downgradient of the FDSA, are below ARARs, and in most cases, below laboratory reporting limits.

PCE concentrations in the groundwater collected from within the FDSA are above ARARs in the samples from MW98-01A, 04, 05AR, FRW-1, 2 and 3. PCE concentrations in the groundwater samples from the monitor wells and FRWs are higher than concentrations detected in the past two semi-annual sampling events. This condition is most likely attributed to a wetter than normal late winter and spring. Seasonal trends in COC concentrations continue to indicate higher concentrations are typically detected in the winter/spring and lower concentrations are detected in the summer/fall. Figure 5 shows the approximate size of the PCE plume in April 2018.

TCE and DCE, which are daughter products of PCE, continue to be detected in the samples from the FDSA wells at relatively low concentrations compared to the PCE concentrations. TCE and DCE concentrations were detected above ARARs in the sample from FRW-3. TCE and DCE concentrations in the samples from the remaining wells were below ARARs and, in some cases, below laboratory reporting limits. The continued detection of these compounds suggests that limited degradation of PCE is continuing in the FDSA. However, the degradation of the PCE has not been sufficient to reduce the concentrations below the ARARs.

TCA concentrations were not detected above ARARs in samples from any of the wells and, in most cases, the TCA concentrations were below laboratory reporting limits.

CONCLUSIONS

The following conclusions are based on the results of the March 2018 groundwater quality sampling event.

- The concentrations for the COCs in the groundwater sample collected from RW-2, which is located downgradient from the FDSA, continue to be below ARARs and have not rebounded in the areas outside of the influence of the FP&T system.
- COC concentrations continue to persist above ARARs in the samples from wells in the FDSA. The operation of the FP&T system provides adequate hydraulic control of the COCs to prevent their migration beyond the FDSA.
- The continued detection of TCE and DCE suggests limited degradation of PCE is occurring in the FDSA. However, the degradation of the PCE has not been sufficient to reduce the concentrations below the ARARs.

If you have any questions or require additional information, please do not hesitate to contact Ms. Sandor or Mr. Goldberg directly at (475) 882-1711 or (475) 882-1708, respectively.

Kind regards,

WSP USA

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Senior Hydrogeologist

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Reviewed by:

William K. Beckman, PE
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TKS:nv
Enclosures
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TABLES

TABLE 1

SUMMARY REPORT FOR MARCH 2018 GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Approved Modifications to the Monitoring Program

		EPA Approved	
FSP&T System	**Location**	**Water Level Measurements**	**VOC Analysis**
RW-1	On SHI property in front of main buiding	semi-annual	discontinue
RW-2	On SHI property in front of the FSP&T remediation building	semi-annual	monthly
RW-3	On SHI property behind the FSP&T remedation builing	semi-annual	annual
RW-4	Sag Harbor Turnpike	semi-annual	annual
RW-5	Carroll Street	semi-annual	discontinue
RW-6	Carroll Street	semi-annual	annual
RW-7	Carroll Street	semi-annual	discontinue
RW-8	Brick Kiln Road	discontinue	discontinue
RW-9	Noyack Road	discontinue	discontinue
Monitor Wells in FDSA			
MW98-01A	FDSA, Hagerman property	--	--
MW98-05AR, 05BR	FDSA, Hagerman property	--	--
MW98-05A, 05B (wells decommissioned)	FDSA, Hagerman property	--	--
Monitor Wells on SHI Property			
MW-45A, 45B	FDSA, on SHI property along fence	--	--
MW98-04, 04B (04B is a new well)	FDSA, on SHI property in driveway on pavement	--	--
MW-58A, 58B (new well cluster)	On SHI property in southern driveway	--	--
MW-59A, 59B (new well cluster)	On SHI property , parking lot north side of building	--	--
MW-28A, 28B	On SHI property in back of main building	--	--
N-32, 32B	On SHI propery, parking lot north side of building	--	--
MW-44A, 44B, 44C	On SHI property near RW-2	semi-annual	annual
MW-46A, 46B	On SHI property in woods	semi-annual	discontinue
MW-47A, 47B	On SHI property in woods	semi-annual	annual
MW-51A (well destroyed)	FDSA, on SHI property along fence	--	--
MW-52A (well destroyed)	FDSA, on SHI property along fence	semi-annual	annual
Monitor Wells at Recharge Basins			
MW-B1	Discharge Basin	semi-annual	annual
MW-B2	Discharge Basin	semi-annual	discontinue
MW-B3	Discharge Basin	semi-annual	discontinue
MW-B4	Discharge Basin	semi-annual	annual
All Monitor Wells Downgradient of SHI Property			
MW-42A, B, C (wells A & B have been distroyed)	Bay Burger (formerly Gingerbread House) parking lot,	semi-annual	annual
MW-43A, B, C	On Carroll Street near RW-6	semi-annual	annual
MW-49A, B, C	On Noyack road near RW-9	discontinue	discontinue
MW-50A, B, C	Morris Cove Road	discontinue	discontinue
MW-53	On Carroll Street between RW-5 and RW-6	semi-annual	annual
MW-54	On Carroll Street between RW-5 and RW-7	semi-annual	annual
MW-55	On Hildreth Road near corner of Brick Kiln Road	discontinue	discontinue
MW-56A, B, C	Brick Kiln Road between Carroll and Hildreth across from RW-8	discontinue	discontinue
MW-57A, B, C (A & B have been distroyed)	Brick Kiln Road south of Carroll Street, near shrubs usually under 6 inches of sand	discontinue	discontinue
Department of Health Services (SCDHS) wells			
N-1A, B	Noyack Road	--	--
N-2A, B	Noyack Road	--	--
N-9	Sag Harbor Turnpike at corner of Hildreth	--	--
N-16	Sag Harbor Turnpike near RW-4	--	--
N-17	Sag Harbor Turnpike near utility pole	--	--
N-37	Fabiano property front yard	--	--
N-38	Fabiano property side yard	--	--
N-39	Fabiano property back yard	--	--
All Monitor Wells Upgradient of the FDSA			
MW-48A, 48B	Lily Pond Road	--	--
All Piezometers		--	--

Notes:
NE = Not Established; N/A = Not Applicable
N/A
-- no comment by EPA interpreted as proposed change being approved by EPA
EPA did not comment on any down gradient SCDHS wells, as such, assume that the proposed discontinuation of monitoring has been approved

TABLE 2

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Summary of Groundwater Elevation Measurements for Monitor and Recovery Wells, in Feet Above Mean Sea Level

Well	3/13/17 Pumping DTW (ft btoc) [1/]	3/13/17 Pumping GW Elevation (ft msl) [1/]	3/27/17 Static DTW (ft btoc) [1/]	3/27/17 Static GW Elevation (ft msl)[1/]	9/18/17 Static DTW (ft btoc)	9/18/17 Static GW Elevation (ft msl)	11/1/17 Pumping DTW (ft btoc)	11/1/17 Pumping GW Elevation (ft msl)	4/12/18 Pumping DTW (ft btoc) [1/]	4/12/18 Pumping GW Elevation (ft msl) [1/]	4/18/18 Static DTW (ft btoc) [1/]	4/18/18 Static GW Elevation (ft msl)[1/]
MW-28A	18.59	7.31	18.36	7.54	18.88	7.02	18.64	7.26	17.11	8.79	17.00	8.90
MW-28B	18.72	7.27	18.29	7.70	18.79	7.20	18.75	7.24	17.02	8.97	16.91	9.08
MW-42B	NM	NM	15.71	7.49	16.20	7.00	NM	NM	NM	NM	16.30	6.90
MW-43A	NM	NM	18.32	4.49	18.51	4.30	NM	NM	NM	NM	17.70	5.11
MW-43B	NM	NM	18.54	4.43	18.71	4.26	NM	NM	NM	NM	17.66	5.31
MW-43C	NM	NM	18.56	4.50	18.76	4.30	NM	NM	NM	NM	17.36	5.70
MW-44A	22.73	6.71	22.14	7.30	22.69	6.75	22.87	6.57	21.72	7.72	20.85	8.59
MW-44B	22.87	6.67	22.27	7.27	22.79	6.75	22.89	6.65	21.88	7.66	20.96	8.58
MW-44C	22.95	6.81	22.46	7.30	22.96	6.80	22.85	6.91	21.93	7.83	21.14	8.62
MW-45A	20.78	6.66	19.96	7.48	20.49	6.95	20.39	7.05	18.92	8.52	18.57	8.87
MW-45B	20.69	6.94	19.80	7.83	20.31	7.32	20.27	7.36	18.99	8.64	18.40	9.23
MW-46A	19.11	6.55	18.21	7.45	18.65	7.01	18.60	7.06	16.81	8.85	16.73	8.93
MW-46B	19.97	6.36	18.78	7.55	19.62	6.71	19.60	6.73	16.95	9.38	17.36	8.97
MW-47A	dry	-	7.52	7.46	8.07	6.91	8.00	6.98	6.15	8.83	6.20	8.78
MW-47B	8.51	6.59	7.70	7.40	8.23	6.87	8.19	6.91	6.27	8.83	6.35	8.75
MW-48A	23.55	7.71	22.98	8.28	23.51	7.75	23.48	7.78	22.76	8.50	21.48	9.78
MW-48B	24.61	7.52	23.78	8.35	24.47	7.66	24.44	7.69	23.08	9.05	NM	NM
MW-53	NM	NM	19.46	4.73	19.67	4.52	NM	NM	NM	NM	19.95	4.24
MW-54	NM	NM	19.94	5.91	21.18	4.67	NM	NM	NM	NM	19.52	6.33
MW-58A	24.22	7.26	23.60	7.88	24.09	7.39	24.02	7.46	22.47	9.01	22.16	9.32
MW-58B	24.17	7.29	23.55	7.91	24.05	7.41	24.05	7.41	22.45	9.01	22.12	9.34
MW-59A	27.14	6.74	26.67	7.21	27.16	6.72	27.08	6.80	25.57	8.31	25.36	8.52
MW-59B	27.22	6.62	26.68	7.16	27.21	6.63	27.17	6.67	25.59	8.25	25.32	8.52
MW-98-01A	23.07	7.40	22.45	8.02	22.98	7.49	22.81	7.66	22.19	8.28	21.04	9.43
MW-98-04	20.72	7.28	20.10	7.90	20.50	7.50	20.44	7.56	19.63	8.37	18.67	9.33
MW-98-04B	20.74	7.20	20.00	7.94	20.51	7.43	20.44	7.50	19.58	8.36	18.60	9.34
MW-98-05AR	22.91	6.35	21.81	7.45	22.32	6.94	22.29	6.97	20.62	8.64	20.39	8.87
MW-98-05BR	23.15	6.61	21.40	8.36	21.89	7.87	21.85	7.91	19.67	10.09	19.96	9.80
FRW-1	25.82	5.18	23.00	8.00	23.56	7.44	23.53	7.47	24.72	6.28	21.60	9.40
FRW-2	22.67	2.88	21.61	3.94	22.14	3.41	22.40	3.15	19.81	5.74	20.19	5.36
FRW-3	19.84	9.52	21.39	7.97	21.94	7.42	22.11	7.25	22.78	6.58	20.00	9.36
FRW-4	25.69	3.04	20.90	7.83	21.27	7.46	23.55	5.18	24.22	4.51	19.51	9.22
RW-1	26.72	7.09	26.62	7.19	27.50	6.31	27.36	6.45	25.83	7.98	25.27	8.54
RW-2	25.10	1.00	18.71	7.39	19.31	6.79	25.30	0.80	25.91	0.19	17.16	8.94
RW-3	6.23	6.91	5.72	7.42	6.38	6.76	6.29	6.85	4.96	8.18	4.42	8.72
RW-4	NM	NM	13.25	5.76	13.66	5.35	NM	NM	NM	NM	12.20	6.81
RW-5	NM	NM	19.90	5.43	20.32	5.01	NM	NM	NM	NM	18.90	6.43
RW-6	NM	NM	17.13	4.56	17.24	4.45	NM	NM	NM	NM	16.31	5.38
RW-7	NM	NM	14.28	4.07	15.39	2.96	NM	NM	NM	NM	13.42	4.93
MW-B1	26.94	8.06	NM	NM	29.79	5.21	29.69	5.31	28.44	6.56	28.00	7.00
MW-B2	31.36	6.30	NM	NM	31.40	6.26	31.37	6.29	30.01	7.65	30.05	7.61
MW-B3	dry	-	NM	NM	Dry	Dry	Dry	Dry	25.16	6.46	24.49	7.13
MW-B4	24.81	5.93	NM	NM	25.03	5.71	24.92	5.82	24.29	6.45	23.45	7.29
N-32	25.65	6.56	25.09	7.12	25.50	6.71	25.65	6.56	23.69	8.52	23.71	8.50
N-32B	25.43	6.83	25.01	7.25	25.50	6.76	25.62	6.64	23.75	8.51	23.71	8.55
N-37	23.19	8.38	NM	NM	NM	NM	23.06	8.51	21.56	10.01	NM	NM
N-38	24.71	6.78	NM	NM	NM	NM	24.51	6.98	22.39	9.10	NM	NM
N-39	20.56	6.73	NM	NM	NM	NM	20.44	6.85	20.07	7.22	NM	NM

1 The water level measurements for FRW-3 on March 13, 2017 and for MW98-05AR on March 27, 2017 are suspect and considered to be anomalous readings.
DTW Depth to Water
GW Groundwater
ft btoc Feet Below Top of Casing

TABLE 3

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																		
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
MW-B1		ND		ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND			
MW-B2								ND	ND				ND				ND					ND				ND										
MW-B3								ND	ND				ND				ND					ND				ND										
MW-B4								ND	ND				ND				ND					ND				ND							ND		ND	
FRW-1	**600**	**6.5**	**120**	**15**	**160**	**180**	**68**	**37**	**37**	**52**	**48**	**130**	**130**	**23**	**110**	**1100**	**510**	**360**	**100**	**310**	**77**	**42**	**63**	**74**	**37**	**24**	**120**	**210**	**23**	**15**	**67**	**290**	**25**	**110**	**34**	**110**
FRW-2	**27**	**72**	**24**	**20**	**33**	**150**	**39**	**24**	**25**	**48**	**40**	**59**	**69**	**65**	**53**	**9.1**	**6.8**	4.0	**45**	**210**	**28**	**20**	**39**	**11**	**27**	**19**	**62**	**41**	**9.0**	**14**	**280**	**55**	**26**	**40**	**33**	**48**
FRW-3	**62**	**16**	**270**	**110**	**190**	**110**	**19**	**16**	**12**	**65**	**32**	**34**	**15**	**25**	**46**	**35**	**25**	1.3	**9.9**	**230**	**52**	**27**	**23**	**49**	**32**	**33**	**34**	**110**	**67**	**7.7**	**50**	**62**	**17**	**50**	**15**	**120**
FRW-4	2.3	**18**	**17**	**5.3**	**5.3**	ND	4.5	**22**	**22**	**21**	**14**	**13**	**6.1**	2.3	0.36 J	**15**	**62**	**82**	**25**	**12**	**27**	**19**	4.1	**7.5**	**21**	**28**	2.6	**34**	3.0	1.4	**5.0**	**15**	2.2	4.0	2.7	3.0
RW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND					
RW-2		3.4	4.0	1.8	1.0	ND	0.91 J	0.96 J	0.81	0.57	0.53		0.52	0.66	1.3	1.1	0.93	0.74		0.68	0.93	2.0	1.4	0.94	0.26 J	ND	0.56	ND	0.39 J		0.40 J	0.38 J	ND	0.28 J	0.23 J	0.41 J
RW-3	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND		ND	ND	0.1 J		ND			ND		ND		ND		ND	ND	ND	ND	ND		ND	ND		ND	
RW-4	**6.5**	3.8	3.3	4.5	2.1	ND	0.82 J	1.1 J	1.4	0.13 J	0.90		0.95	0.75	0.96	1.5	0.83	1.1		0.62	0.93	1.4	0.88	0.36 J	2.0	2.0	ND	ND		ND		ND	ND		ND	
RW-5	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
RW-6	**19**	**13**	**10**	**11**	**7.0**	4.3	1.9	3.6 J	3.2	3.1	2.6		2.8	2.3	2.4	1.3	1.9	2.0		2.1	1.7	1.9	1.6	0.22 J	0.24 J	0.24 J	0.27 J	ND	0.25 J	0.25 J		0.24 J	ND		ND	
RW-7	**11**	**5.4**	**5.5**	**9.5**	3.6	ND	1.8		2.2	1.0	ND		0.76	0.50	0.64	0.96	0.52	0.67		0.73	0.65	1.1	ND	ND	ND	ND	0.87	0.2 J	ND	ND		ND				
RW-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	0.11 J		0.1 J	ND	0.13 J		ND			ND		ND		ND		ND		ND		ND		ND				
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-28A	ND	**21**	ND	ND	ND	ND	ND	ND	ND					ND	ND		ND					1.2		ND		ND		ND		ND		ND	ND	ND	ND	
MW-28B	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND		ND					ND		ND		ND		ND		ND		ND	ND	ND	ND	
MW-42B		ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND							ND		ND	
MW-43A					ND			ND	2.3				1.2				ND					0.3 J		1.1	0.47 J	ND	ND	ND	0.71	ND			ND		ND	
MW-43B	ND	ND	ND	ND	**12**	2.7	1.0	4.5 J	3.4				ND				0.62					0.48 J		0.39 J	0.34 J	0.29 J	ND	ND	ND	ND			ND		ND	
MW-43C	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-44A	ND	ND	ND	1.1	0.66 J	ND	ND	ND	ND				0.11 J				0.26 J					1.3		ND		0.38 J		ND		ND		ND	ND		ND	
MW-44B	ND	ND	ND	ND	3.1	ND	ND	ND	0.16 J				0.3 J				ND					0.76		ND		ND		ND		ND		ND	ND		ND	
MW-44C		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-45A	ND	ND	ND	ND	3.3	ND	ND	ND					0.11 J	ND	ND		ND	ND				ND		ND		ND		ND		0.91		ND	2.1	ND	0.41 J	ND
MW-45B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND				ND				ND		ND				0.25 J		ND		ND	ND	ND	ND	ND
MW-46A	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				0.23 J					0.2 J		0.2 J		0.31 J		ND		ND						
MW-46B				ND		ND		ND					ND				ND					ND		ND		ND		ND								
MW-47A	3.5		ND	0.81	3.2	ND	ND	0.77 J	0.27 J								0.54					0.23 J		0.4 J		ND		ND				0.35 J	dry		0.26 J	
MW-47B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-48A						ND		ND														ND		ND		ND		ND		ND		ND				
MW-48B		ND		ND		ND		ND	ND				ND									ND		ND		ND		ND		ND		ND				
MW-49A	ND	ND		ND	ND	ND	ND	ND		ND			0.11 J		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49B	3.0	4.6	3.6	2.3	1.4	ND	ND	ND	0.60	0.89			0.43 J		0.87		0.51			0.55		0.26 J		0.24 J		ND		ND		ND		0.27 J				
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39 J			ND		0.58		0.14 J			0.22 J		ND		ND		ND		ND		ND		ND				
MW-50A						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50B		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50C						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-52A		ND		ND		ND	ND	ND	ND				0.32 J	ND	ND		ND					ND		ND		ND		ND		ND			ND			
MW-53	3.0	ND	ND	ND	0.71 J	0.4 J	ND	ND	0.72				0.31 J				0.35 J					0.32 J		0.37 J	0.42 J	0.3 J	0.3 J	ND	0.22 J	0.25 J			0.26 J		0.28 J	
MW-54	4.6	1.2	1.2	1.5	**5.1**	0.32 J	ND	0.80 J	0.42 J				0.44 J				0.35 J					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-55				ND		ND		ND					ND																							
MW-56A		ND		ND		ND		ND					ND				ND					ND				ND										
MW-56B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND				ND						
MW-56C	ND	ND	ND	ND		ND		ND					ND									ND				ND										
MW-57C		ND		ND		ND							ND									ND				ND										
MW-58A																															ND	ND	ND	ND	0.23 J	
MW-58B																															ND	ND	ND	ND	ND	
MW-59A																															ND	ND	dry	ND	ND	
MW-59B																															0.61	0.35 J	ND	ND	ND	
MW-98-01A	**9.5**	**38**	1.5	1.1	4.7	ND	1.5	4.9	0.55				2.2		1.8		**48**					**35**		3.0		3.8		**24**		4.9		2.6	0.91	**7.3**	3.7	**18**
MW-98-04	**18**	**20**	ND	**7.6**	0.68 J	ND	0.99 J	ND	0.36 J				**8.8**				**220**	**310**		**36**	2.7	**6.6**	1.6	2.1		**7.1**		**21**		2.3	**8.5**	1.6	2.4	2.7	0.82	**29**
MW-98-04B																															ND	ND	ND	ND	ND	ND
MW-98-05A	**66**	**190**	**200**	**9.2**	**65**	ND	**37**	**190**	4.5		ND	**18**	**14**	0.16 J	**56**	**35**	**17**	**8.4**				**110**		**25**		**22**		**23**		**25**						
MW-98-05AR																															**40**	**17**	**19**	**34**	**35**	**73**
MW-98-05B	1.4		ND	ND	ND	ND	ND	ND					ND			0.59	0.17 J	0.3 J				ND		ND		ND		ND		ND						
MW-98-05BR																															ND	ND	ND	ND	ND	ND

TABLE 3

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																		
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
N-1A				ND		ND		ND					ND				ND																			
N-1B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-2A				ND		ND		ND					ND				ND																			
N-2B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-9						ND		ND					ND																							
N-16	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
N-17		ND		ND		ND		ND					ND				ND																			
N-32			ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND	ND	ND	ND	ND	ND	
N-32B																															ND	ND	ND	ND	ND	
N-37	ND	ND	ND	ND	ND		ND		ND				ND				ND					ND		ND		ND		ND		ND						
N-38	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
N-39	1.9	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

TABLE 4

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWTER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor or Recovery Well	Sample Dates																																		
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sept-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
MW-B1		ND		ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-B2								ND	ND				ND				ND					ND				ND										
MW-B3								ND	ND				ND				ND					ND				ND										
MW-B4								ND	ND				ND				ND					ND				ND						ND		ND	
FRW-1	**13**	ND	ND	ND	4.6	**5.7**	0.58 J	ND	0.24 J	1.0	3.1	4.8	**5.8**	3.5	3.9	**17**	**7.1**	4.4	1.8	3.5	0.5	0.58	1.3	0.37 J	0.37 J	ND	1.8	2.6	0.47 J	ND	0.28 J	2.6	0.20 J	0.82	0.22 J	1.0
FRW-2	ND	1.1	ND	ND	ND	ND	ND	ND	ND	0.13 J	0.37 J	0.43 J	0.51	ND	0.50	0.37 J	0.27 J	0.16 J	0.35 J	1.7	ND	0.47 J	0.20 J	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND
FRW-3	1.3	ND	ND	ND	ND	1.8	ND	ND	ND	0.30 J	0.39 J	0.35 J	0.29 J	0.36 J	0.43 J	0.47 J	0.71	0.56	1.3	3.6	0.42 J	0.23 J	ND	0.50	ND	0.28 J	0.26 J	1.2 J	0.58	ND	0.23 J	ND	ND	ND	ND	0.65
FRW-4	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	0.16 J	0.21 J	0.21 J	ND	ND	ND	0.72	2.4	2.7	0.99	0.22 J	0.69	0.34 J	ND	ND	ND	0.52	ND	ND	ND	ND	ND J	ND	ND	ND	ND	ND
RW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND				
RW-2		2.4	1.9	ND	1.7	ND	ND	ND	0.11 J	0.26 J	0.23 J		0.25 J	0.30 J	0.24 J	0.26 J	0.32 J	0.24 J		0.28 J	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND		0.22 J	0.32	ND	ND	ND	ND
RW-3	0.8 J	ND	1.3	ND	ND	ND	ND	ND	0.27 J	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND	ND		ND	
RW-4	3.0	**6.0**	ND	ND	4.2	1.9	ND	2.7 J	3.6	3.6	2.6		2.2	2.3	2.1	2.0	2.4	2.7		3.8	1.3	ND	0.22 J	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
RW-5	ND	2.6	2.0	ND	2.6	ND	ND	1.1 J	0.12 J	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
RW-6	**6.1**	**6.5**	**6.5**	4.1	4.2	2.8	0.93 J	2.7 J	2.7	2.0	1.6		1.5	1.1	1.0	0.45 J	0.58	0.56		0.63	0.50	0.89	0.78	0.79	1.3	1.1	0.76	ND	0.38 J	0.32 J		ND	ND		ND	
RW-7	1.1	ND	ND	ND	0.77	0.67 J	ND	--	0.29 J	0.21 J	ND		0.21 J	0.14 J	0.18 J	0.34 J	0.17 J	0.16 J		0.20 J	ND	ND	ND	0.21 J	0.25 J	ND	ND	0.46 J	0.40 J	1.0		1.1				
RW-8	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		0.62		ND		ND				
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-28A	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	1.0		ND					ND		ND		ND		ND		ND		ND	ND	ND	ND	
MW-28B	ND	ND	ND	ND	ND	ND	ND	ND	ND					0.49 J	0.48 J		0.23 J					ND		ND		ND		ND		ND		ND	ND	ND	ND	
MW-42B		ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND							ND		ND	
MW-43A					ND			**5.3**	**7.6**				**5.7**				0.54					0.87		1.1	0.72	0.47 J	ND	ND	0.43 J	ND			ND		ND	
MW-43B	ND	ND	ND	ND	3.8	0.69 J	ND	1.1	1.2				ND				1.2					1.6		0.76	0.58	ND	ND	ND	ND	ND			ND		ND	
MW-43C	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-44A	**41**	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44C		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-45A	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND		ND	ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-45B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND				ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-46A	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
MW-46B				ND		ND		ND					ND				ND					ND		ND		ND		ND								
MW-47A	**6.7**		ND	ND	ND	ND	ND	ND	0.15 J								0.40 J					ND		ND		ND		ND				0.24 J	dry		ND	
MW-47B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-48A						ND		ND														ND		ND		ND		ND		ND		ND				
MW-48B		ND		ND		ND		ND	ND				ND									ND		ND		ND		ND		ND		ND				
MW-49A	ND	ND		ND	ND	ND	ND	ND		ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-50A						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50B		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50C						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-52A		ND		ND		ND	ND	ND	ND				ND	ND	ND		ND					ND		ND		ND		ND		ND			ND		ND	
MW-53	**16**	**24**	**20**	**5.8**	**18**	**9.9**	2.0	**7.3**	4.2				3.5				0.80					1.6		1.3	1.1	0.70	0.71	ND	0.37 J	0.33 J			ND		ND	
MW-54	ND	**5.1**	2.4	3.4	4.1	4.0	0.77 J	2.7	1.2				2.1				1.9					0.37 J		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-55				ND		ND		ND					ND																							
MW-56A		ND		ND		ND		ND					ND				ND					ND				ND										
MW-56B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND				ND						
MW-56C	ND	ND	ND	ND		ND		ND					ND									ND				ND										
MW-57C		ND		ND		ND							ND									ND				ND										
MW-58A																															ND	ND	ND	ND	ND	
MW-58B																															ND	ND	ND	ND	ND	
MW-59A																															ND	ND	dry	ND	ND	
MW-59B																															ND	ND	ND	ND	ND	
MW-98-01A	ND	1.3	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND		2.0					1.1		ND		ND		0.57		ND		ND	ND	ND	ND	ND
MW-98-04	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				3.8	4.2		0.45 J	ND	ND	ND	ND		ND		ND		ND	ND	ND	ND	ND	ND	0.22 J
MW-98-04B																															ND	ND	ND	ND	ND	ND
MW-98-05A	4.4	ND	ND	ND	3.4	ND	ND	ND	ND		ND	ND	ND		0.51	0.69	0.54	0.67				1.4		ND		ND		ND		ND						
MW-98-05AR																															0.22 J	ND	ND	ND	ND	0.38 J
MW-98-05B	ND		ND	ND	ND	ND	ND	ND	ND				ND			ND	ND	ND				ND		ND		ND		ND		0.23 J						
MW-98-05BR																															ND	ND	ND	ND	ND	ND

TABLE 4

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWTER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor or Recovery Well	Sample Dates																																				
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sept-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
N-1A				ND		ND		ND					ND				ND																			
N-1B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-2A				ND		ND		ND					ND				ND																			
N-2B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-9						ND		ND					ND																							
N-16	2.8	ND	ND	ND	2.8	4.1	ND	ND	ND				ND				ND					ND		0.33 J		0.51		ND		0.26 J						
N-17		ND		ND		ND		ND					ND				ND																			
N-32			ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND	ND	ND	ND	ND	ND	
N-32B																															ND	ND	ND	ND	ND	
N-37	ND	ND	ND	ND	ND		ND						ND				ND					ND		ND		ND		ND		ND						
N-38	ND	ND	ND	ND	ND	ND	ND	ND					ND				ND					ND		ND		ND		ND		ND						
N-39	ND	ND	ND	ND	ND	ND	ND	ND					ND				ND					ND		ND		ND		ND		ND						

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

TABLE 5

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																		
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	Jun-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sept-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
MW-B1		ND		ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-B2								ND	ND				ND				ND					ND				ND										
MW-B3								ND	ND				ND				ND					ND				ND										
MW-B4								ND	ND				ND				ND					ND				ND							ND		ND	
FRW-1	**110**	ND	2.4	ND	1.2	3.1	ND	ND	1.0	3.7	**15**	**38**	**39**	**10**	**29**	**25**	**48**	**42**	3.1	4.8	**6.2**	4.1	4.4	2.1	**6.3**	1.5	3.4	1.3	0.89	0.54	**5.3**	3.8	0.81	3.9	0.93	2.7
FRW-2	**10**	**19**	ND	ND	1.7	**18**	ND	1.4 J	1.8	0.83	**8.5**	**9.8**	**13**	**11**	**13**	1.7	1.2	1.4	2.7	**9.8**	3.1	2.2	**6.0**	1.9	0.86	2.8	2.1	2.6	ND	1.1	3.3	1.8	1.2	1.0	0.85	0.68
FRW-3	**23**	**6.6**	**10**	**12**	3.2	**12**	2.6	1.5 J	1.1	2.5	**8.2**	**6.6**	4.6	**8.8**	**10**	**7.7**	**7.8**	0.31 J	**6.9**	**18**	**10**	3.1	3.6	**8.0**	**7.9**	**5.6**	2.5	**13**	3.2	2.5	4.1	**7.1**	1.4	**5.7**	1.7	**7.9**
FRW-4	**0.99J**	ND	ND	ND	ND	4.5	ND	0.99 J	1.2	1.6	0.86	0.64	0.33 J	ND	0.13 J	1.9	**8.8**	**11**	**7.5**	2.1	4.9	2.7	1.6	1.7	1.7	1.2	0.36 J	2.1	ND	ND	0.68	1.1	0.48 J	0.60	0.42 J	ND
RW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND			
RW-2		ND	ND	ND	ND	ND	ND	ND	0.16 J	0.21 J	0.21 J		0.25 J	0.34 J	0.66	0.71	0.54	0.45 J		0.51	0.54	1.0	0.79	0.63	0.24 J	ND	0.31 J	ND	ND		0.63	0.67	ND	0.47 J	0.32 J	0.67
RW-3	2.2	ND	2.5	ND	1.4	0.63 J	ND	0.93 J	0.81	ND	ND		ND	ND	0.18 J		ND			ND		ND		ND		ND		0.21 J		ND		ND	ND		ND	
RW-4	**0.57J**	ND	ND	ND	ND	ND	ND	ND	0.18 J	0.13 J	0.11 J		0.15 J	0.11 J	0.14 J	0.25 J	ND	0.15 J		ND	ND	0.25 J	ND	ND	0.69	ND	ND	ND	2.6	0.90		0.27 J	ND		ND	
RW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND					
RW-6	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.13 J	0.11 J		0.13 J	0.12 J	0.1 J	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
RW-7	ND	ND	ND	ND	ND	ND	ND		0.12 J	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				
RW-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-28A	ND	**13**	ND	ND	ND	ND	ND	ND	ND					ND	ND		0.34 J					2.8		ND		ND		ND		ND		ND	ND	ND	ND	
MW-28B	ND	ND	ND	ND	ND	ND	ND	ND	ND					0.49 J	0.49 J		0.19 J					ND		0.22 J		ND		ND		ND		ND	ND	ND	ND	
MW-42B		ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND							ND		ND	
MW-43A					ND			ND	0.16 J				0.22 J				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-43B	ND	ND	ND	ND	2.8	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-43C	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-44A	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44B	ND	ND	ND	ND	ND	ND	ND	ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44C		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-45A	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND		ND	ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-45B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND				ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-46A	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J				ND				0.15 J					0.27 J		ND		ND		ND		ND						
MW-46B				ND		ND		ND					ND				ND					ND		ND		ND		ND								
MW-47A	**14**		ND	ND	2.8	ND	ND	1.7 J	0.77								1.4					0.44 J		0.76		ND		ND				0.52	dry		0.61	
MW-47B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-48A						ND		ND														ND		ND		ND		ND		ND		ND				
MW-48B		ND		ND		ND		ND	ND				ND									ND		ND		ND		ND		ND		ND				
MW-49A	ND	ND		ND	ND	ND	ND	ND		ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		0.1 J		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND				ND			ND		ND		ND		ND		ND		ND		ND				
MW-50A						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50B		ND		ND		ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50C						ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-52A		ND		ND		ND	ND	ND	ND				ND	ND	ND		ND					ND		ND		ND		ND		ND			ND			
MW-53	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND		ND			ND		ND	
MW-54	ND	ND	ND	ND	2.6	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND		ND			ND		ND	
MW-55				ND		ND		ND					ND																							
MW-56A		ND		ND		ND		ND					ND				ND					ND				ND										
MW-56B	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND				ND						
MW-56C	ND	ND	ND	ND		ND		ND					ND				ND					ND				ND										
MW-57C		ND		ND		ND							ND									ND				ND										
MW-58A																															ND	ND	ND	ND	ND	
MW-58B																															ND	ND	ND	ND	ND	
MW-59A																															ND	ND	dry	ND	ND	
MW-59B																															ND	ND	ND	ND	ND	
MW-98-01A	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		0.11 J		0.85					0.27 J		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-98-04	ND	ND	ND	ND	ND	ND	ND	ND	ND				0.13 J				**31**	**8.5**		0.85	ND	ND	ND	ND		ND		ND		ND	ND	ND	ND	ND	ND	0.27
MW-98-04B																															ND		ND	ND	ND	ND
MW-98-05A	**9.5**	**11**	1.8	1.1	**6.2**	ND	3.1	3.8 J	0.48 J		ND	2.6	2.4	0.33 J	**5.7**	**8.5**	2.0	3.7				**23**		3.9		1.9		**6.1**		ND							
MW-98-05AR																														0.33 J	0.53	0.75	ND	0.58	1.1	
MW-98-05B	ND		ND	ND	ND	ND	ND	ND					0.21 J			0.48 J	0.26 J	0.75				ND		ND		ND		ND		2.0						
MW-98-05BR																														ND	ND	ND	ND	ND	ND	

TABLE 5

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																				
	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	Jun-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sept-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
N-1A				ND		ND		ND					ND				ND																			
N-1B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-2A				ND		ND		ND					ND				ND																			
N-2B		ND		ND		ND		ND					ND				ND					ND		ND		ND		ND		ND						
N-9						ND		ND					ND																							
N-16	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
N-17		ND		ND		ND		ND					ND				ND																			
N-32			ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND	ND	ND	ND	ND	ND	
N-32B																															ND	ND	ND	ND	ND	
N-37	ND	ND	ND	ND	ND		ND		ND				ND				ND					ND		ND		ND		ND		ND						
N-38	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
N-39	ND	ND	ND	ND	ND	ND	ND	ND					ND				0.12 J					ND		ND		0.49 J		0.47 J		0.77						

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

TABLE 6

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF cisDCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																
	Mar-08	Sep-08	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
MW-B1		ND	ND		ND		ND	ND				ND				ND					ND		ND		ND		ND		ND		ND		ND	
MW-B2							ND	ND				ND				ND					ND				ND									
MW-B3							ND	ND				ND				ND					ND				ND									
MW-B4								ND				ND				ND					ND				ND						ND		ND	
FRW-1	**43**	ND	ND	**8.3**	**79**	ND	ND	3.0	**10**	**150**	**130**	**170**	**190**	**60**	**15**	**110**	**290**	**6.1**	**8.7**	**27**	**110**	**11**	**8.6**	4.5	**12**	**5.8**	1.2	1.9	1.6	**5.9**	**7.9**	1.6	**6.3**	2.9	1.8
FRW-2	**73**	**110**	0.62	**14**	**34**	2.9	1.4	4.6	0.32 J	**87**	**68**	**42**	**25**	**51**	**70**	**69**	**47**	**22**	**14**	**17**	**160**	**16**	**15**	0.34 J	**15**	0.77	**13**	ND	0.35 J	**5.2**	1.2	0.39 J	0.52	0.59	ND
FRW-3	**160**	**8.4**	**50**	**19**	**62**	**17**	2.4	4.0	2.9	**41**	**34**	**45**	**37**	**25**	**69**	**120**	**370**	**46**	**70**	**35**	**21**	**10**	**37**	**13**	**27**	2.0	**81**	**5.1**	**10**	**23**	**29**	2.2	**20**	**6.1**	**18**
FRW-4	ND	ND	ND	ND	0.52	ND	3.1	**6.8**	2.4	**19**	**21**	**25**	**14**	1.1	2.4	**43**	**39**	**9.3**	3.0	4.9	4.1	**7.5**	1.2	4.3	**11**	2.9	3.1	ND	0.61	4.4	**5.4**	3.8	2.2	0.51	0.47 J
RW-1	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND			
RW-2		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	0.70	0.57	0.81	0.59		0.39 J	0.61	2.1	1.8	0.70	0.54	0.51	ND	ND	ND		ND	ND	ND	ND	ND	ND
RW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND		ND	
RW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28 J	1.7		ND	ND		ND	
RW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND			
RW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	0.28 J	0.54	ND	ND	ND	ND	ND		ND	ND		ND	
RW-7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND			
RW-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND			
RW-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND		ND			ND		ND		ND		ND		ND		ND		ND			
MW-28A	ND	**24**	ND	ND	ND	ND	ND	ND					ND	ND		1.7					**34**		ND		ND		ND		ND		ND	ND	0.73	ND	
MW-28B	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND		ND					ND		ND		ND		ND		ND		ND	ND	ND	ND	
MW-42B		ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND							ND		ND	
MW-43A				ND			ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-43B	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-43C	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-44A	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44B	ND	ND	ND		ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-44C		ND	ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-45A	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND		ND	ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-45B	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND			ND				ND		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-46A	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND						
MW-46B			ND		ND		ND					ND				ND					ND		ND		ND		ND								
MW-47A	ND		ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND				ND	dry		0.4 J	
MW-47B		ND	ND		ND		ND					ND				ND					ND		ND		ND		ND		ND		ND	ND		ND	
MW-48A					ND		ND														ND		ND		ND		ND		ND		ND				
MW-48B		ND	ND		ND		ND	ND				ND									ND		ND		ND		ND		ND		ND				
MW-49A	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49B	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-49C	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND		ND			ND		ND		ND		ND		ND		ND		ND				
MW-50A					ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50B		ND	ND		ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-50C					ND		ND					ND									ND		ND		ND		ND		ND		ND				
MW-52A		ND	ND		ND	ND	ND	ND				ND	ND	ND		ND					ND		ND		ND		ND		ND			ND			
MW-53	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-54	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-55			ND		ND		ND					ND																							
MW-56A		ND	ND		ND		ND					ND				ND					ND				ND										
MW-56B		ND	ND	ND	ND	ND	ND	ND				ND				ND					ND				ND				ND						
MW-56C	ND	ND	ND	ND	ND		ND					ND				ND					ND				ND										
MW-57A			ND																																
MW-57B		ND	ND		ND																														
MW-57C		ND	ND		ND							ND									ND				ND										
MW-58A																															ND	ND	ND	ND	
MW-58B																															ND	ND	ND	ND	
MW-59A																															ND	dry	ND	ND	
MW-59B																															ND	ND	ND	ND	

TABLE 6

SUMMARY REPORT FOR MARCH 2018 SEMI-ANNUAL GROUNDWATER SAMPLING
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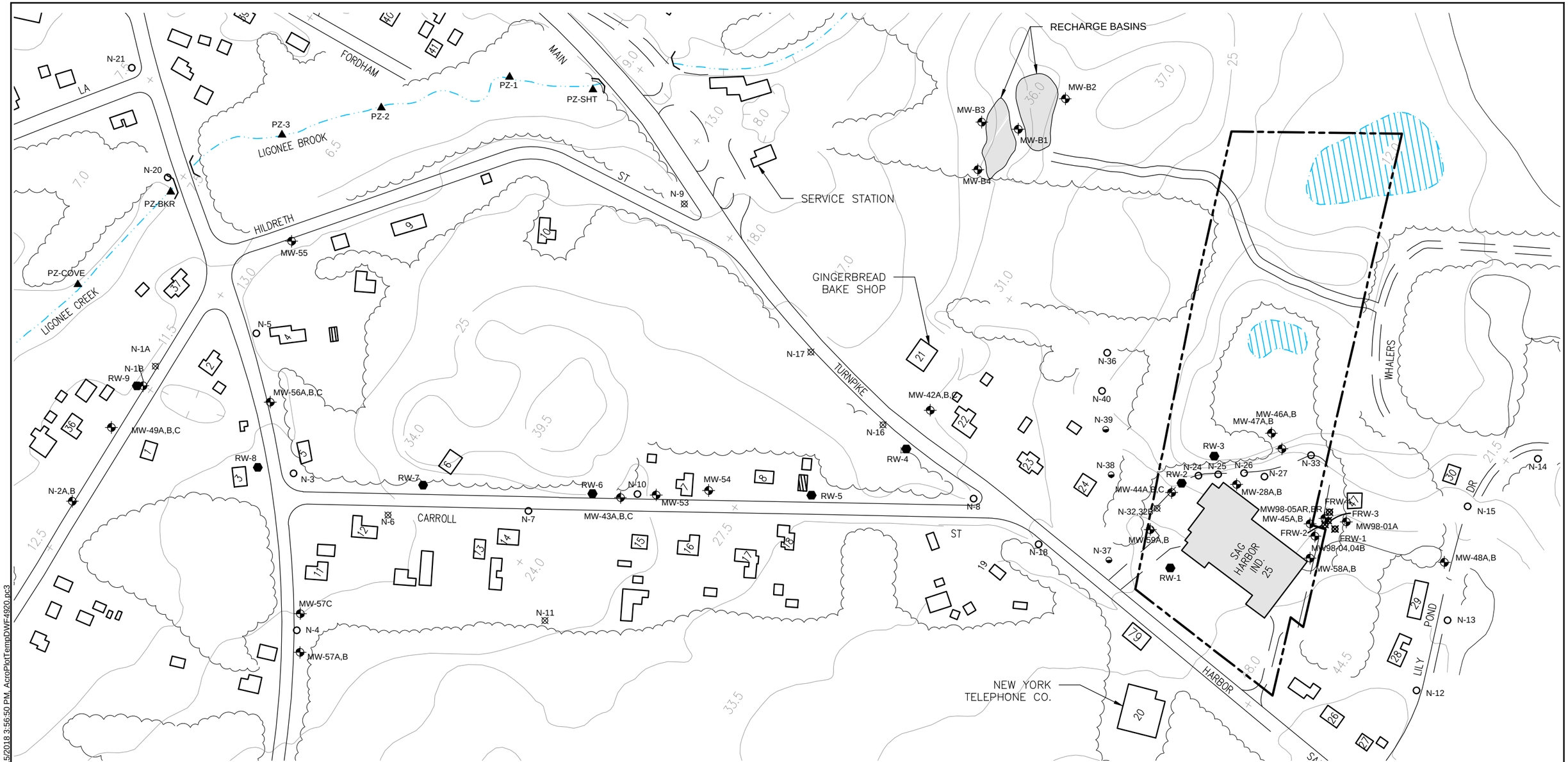
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF cisDCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																
	Mar-08	Sep-08	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	Feb-13	Mar-13	Apr-13	June-13 (6-12-2013)	Jun-13	Jul-13	Sep-13	Nov-13	Mar-14	Jun-14	Sept-14	Dec-14	Mar-15	Jun-15	Sep-15	Feb-16	Mar-16	Sep-16	Mar-17	Sept-17	Mar-18
MW-98-01A	ND	ND	ND	ND	ND	ND	ND	ND				ND		0.11 J		0.57					0.79		ND		ND		ND		ND		ND	ND	ND	ND	ND
MW-98-04	ND	3.2	ND	ND	ND	ND	ND	ND				ND				**68**	**7.0**		1.1	ND	ND	ND	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
MW-98-04B																														ND	ND	ND	ND	ND	ND
MW-98-05A	**59**	**63**	3.8	**9.8**	**41**	4.8	1.0	0.4 J		ND	**5.0**	4.8	0.15 J	**11**	**56**	**59**	**160**				**120**		**32**		2.0		**28**		ND						
MW-98-05AR																														ND	0.32 J	ND	ND	ND	1.2
MW-98-05B	ND		ND	ND	ND	ND	ND	0.19 J				0.13 J			0.42 J	0.59	0.49 J				0.43 J		ND		ND		ND		1.1	ND	ND				
MW-98-05BR																															ND	ND	ND	ND	ND
N-1A			ND		ND		ND					ND				ND																		
N-1B		ND	ND		ND		ND					ND				ND					ND		ND		ND		ND		ND					
N-2A			ND		ND		ND					ND				ND																		
N-2B		ND	ND		ND		ND					ND				ND					ND		ND		ND		ND		ND					
N-9					ND		ND					ND																						
N-16	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND					
N-17		ND	ND		ND		ND					ND				ND																		
N-32			ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND	ND	ND	ND	ND	ND	
N-32B																														ND	ND	ND	ND	ND	
N-37	ND		ND	ND		ND		ND				ND				ND					ND		ND		ND		ND		ND					
N-38	ND	ND	ND	ND	ND	ND	ND	ND				ND				ND					ND		ND		ND		ND		ND					
N-39	ND	ND	ND	ND	ND	ND	ND	ND				0.13 J				ND					ND		ND		ND		ND		ND					

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

FIGURES



LEGEND

- PROPERTY BOUNDARY
- N-36 — LOCATED SCDHS WELL
- N-37 — REPAIRED SCDHS WELL
- N-13 — UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PZ-2 — PIEZOMETER
- MW-43A — GROUNDWATER MONITOR WELL
- RW-1 — RECOVERY WELL
- FRW-1 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

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

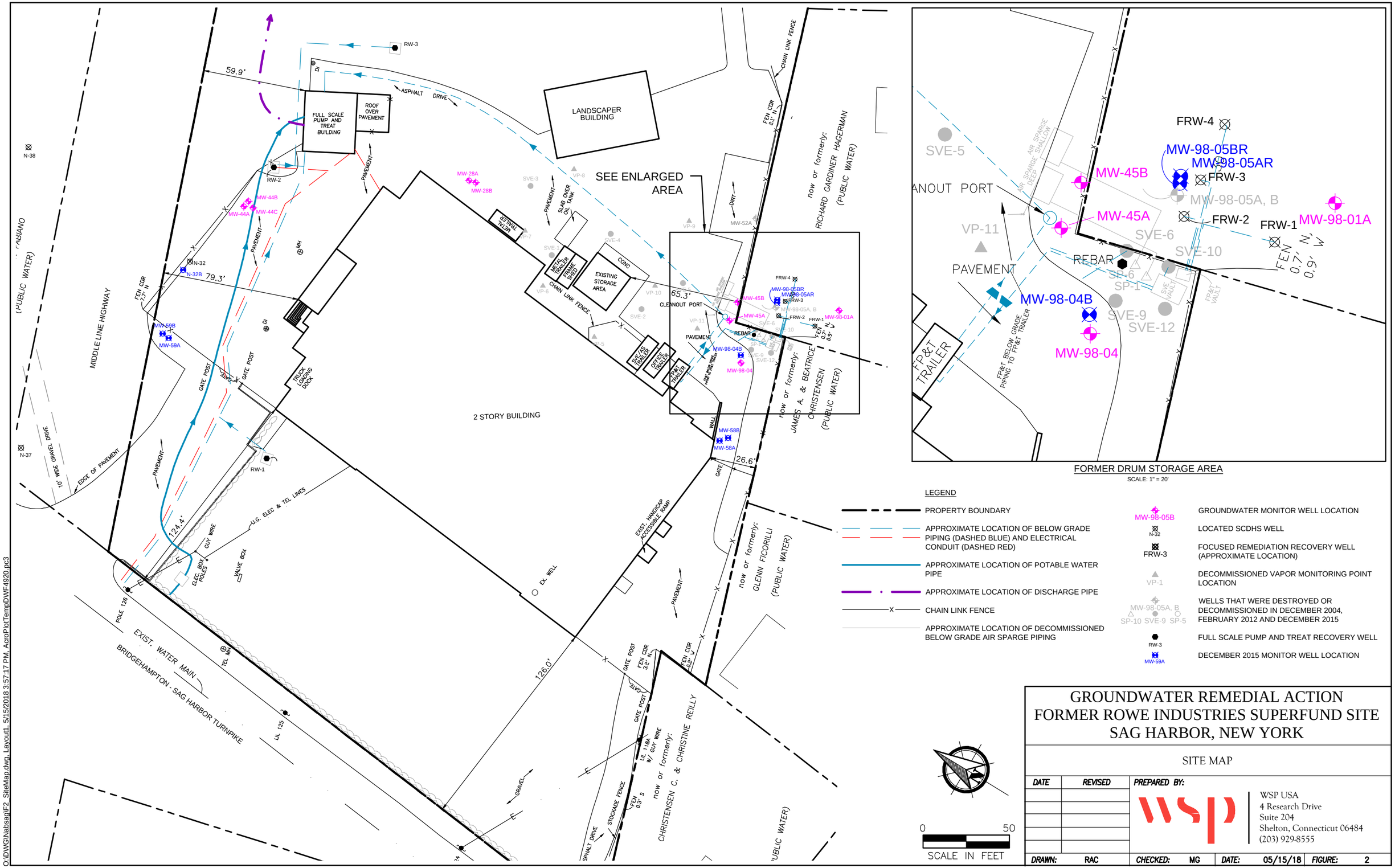
AREA MAP

DATE	REVISED

PREPARED BY:

WSP USA
4 Research Drive
Suite 204
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	RAC	CHECKED:	MG	DATE:	05/15/18	FIGURE:	1



FORMER DRUM STORAGE AREA
SCALE: 1" = 20'

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF BELOW GRADE PIPING (DASHED BLUE) AND ELECTRICAL CONDUIT (DASHED RED)
- APPROXIMATE LOCATION OF POTABLE WATER PIPE
- APPROXIMATE LOCATION OF DISCHARGE PIPE
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF DECOMMISSIONED BELOW GRADE AIR SPARGE PIPING

- MW-98-05B — GROUNDWATER MONITOR WELL LOCATION
- N-32 — LOCATED SCDHS WELL
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- VP-1 — DECOMMISSIONED VAPOR MONITORING POINT LOCATION
- MW-98-05A, B, SP-10, SVE-9, SP-5 — WELLS THAT WERE DESTROYED OR DECOMMISSIONED IN DECEMBER 2004, FEBRUARY 2012 AND DECEMBER 2015
- RW-3 — FULL SCALE PUMP AND TREAT RECOVERY WELL
- MW-59A — DECEMBER 2015 MONITOR WELL LOCATION

0 50
SCALE IN FEET

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

SITE MAP

DATE	REVISED

PREPARED BY:

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4 Research Drive
Suite 204
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	RAC	CHECKED:	MG	DATE:	05/15/18	FIGURE:	2

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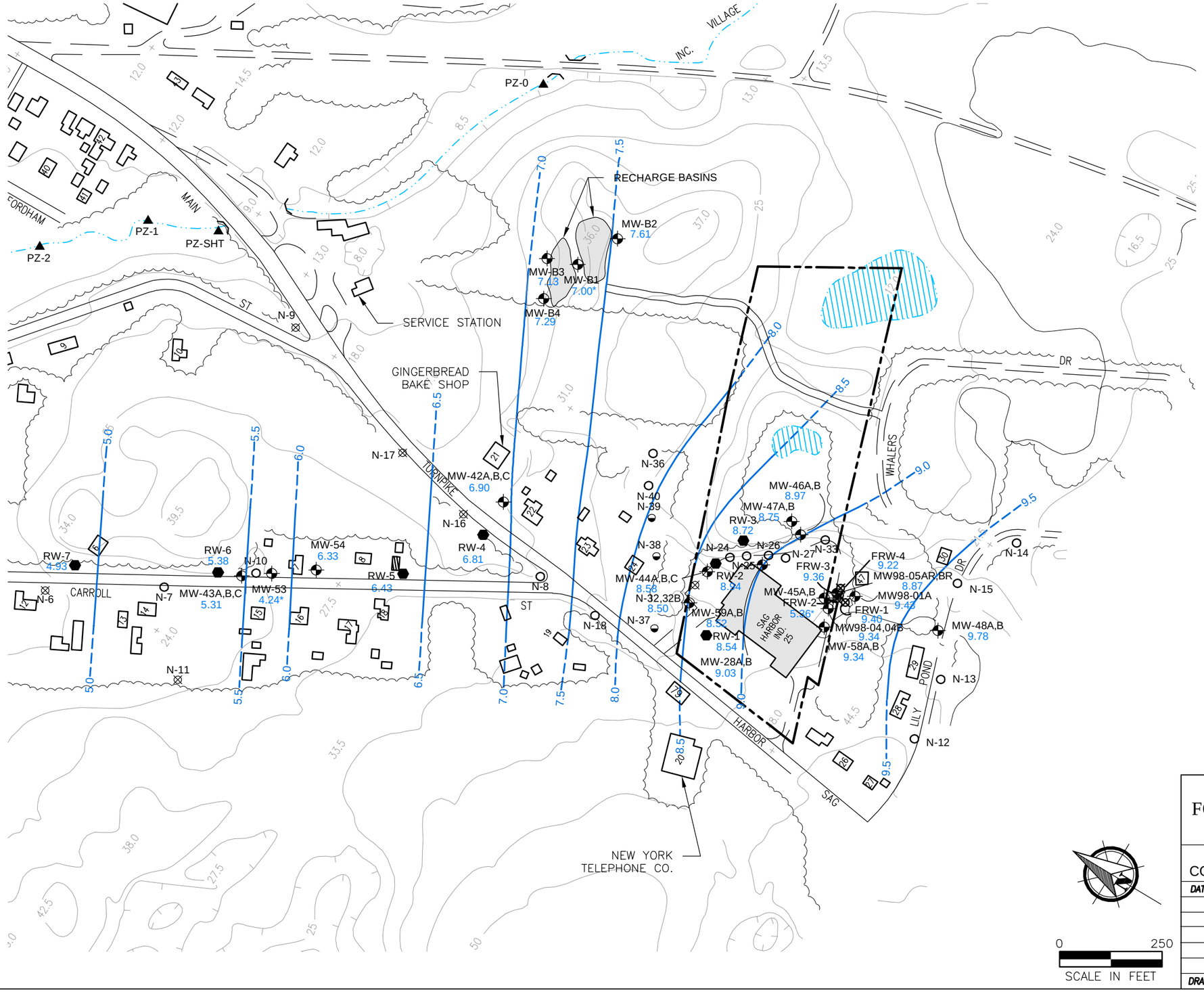

LEGEND

- PROPERTY BOUNDARY
- N-36 — LOCATED SCDHS WELL
- N-37 — REPAIRED SCDHS WELL
- N-13 — UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PZ-2 ▲ — PIEZOMETER
- MW-43A — GROUNDWATER MONITOR WELL
- RW-1 — RECOVERY WELL
- FRW-1 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- 9.5 — GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- 9.40 — GROUNDWATER ELEVATION IN FEET
- * — ANOMALOUS READING NOT USED FOR CONTOURING

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

APRIL 2018 GROUNDWATER ELEVATION CONTOUR MAP
CONDITIONS WITHOUT FP&T AND FSP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY:

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Suite 204
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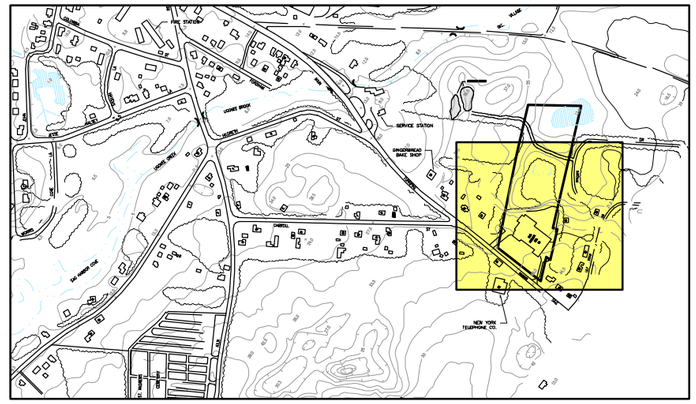
(203) 929-8555

DRAWN:	RAC	CHECKED:	MG	DATE:	07/24/18	FIGURE:	3



KEY MAP
SCALE: 1' = 1000'

LEGEND

N-36	LOCATED SCDHS WELL
N-37	REPAIRED SCDHS WELL
N-13	UNLOCATED SCDHS WELL
21	PROPERTY OWNERS WELL
MW-44A	GROUNDWATER MONITOR WELL
RW-1	RECOVERY WELL
FRW-2	FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
8.0	GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
	APPROXIMATE CAPTURE ZONE
7.98	GROUNDWATER ELEVATION IN FEET
*	ANOMALOUS READING NOT USED FOR CONTOURING

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. GROUNDWATER ELEVATIONS WITH RW-2 AND FRWs OPERATING.

0 100
SCALE IN FEET

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

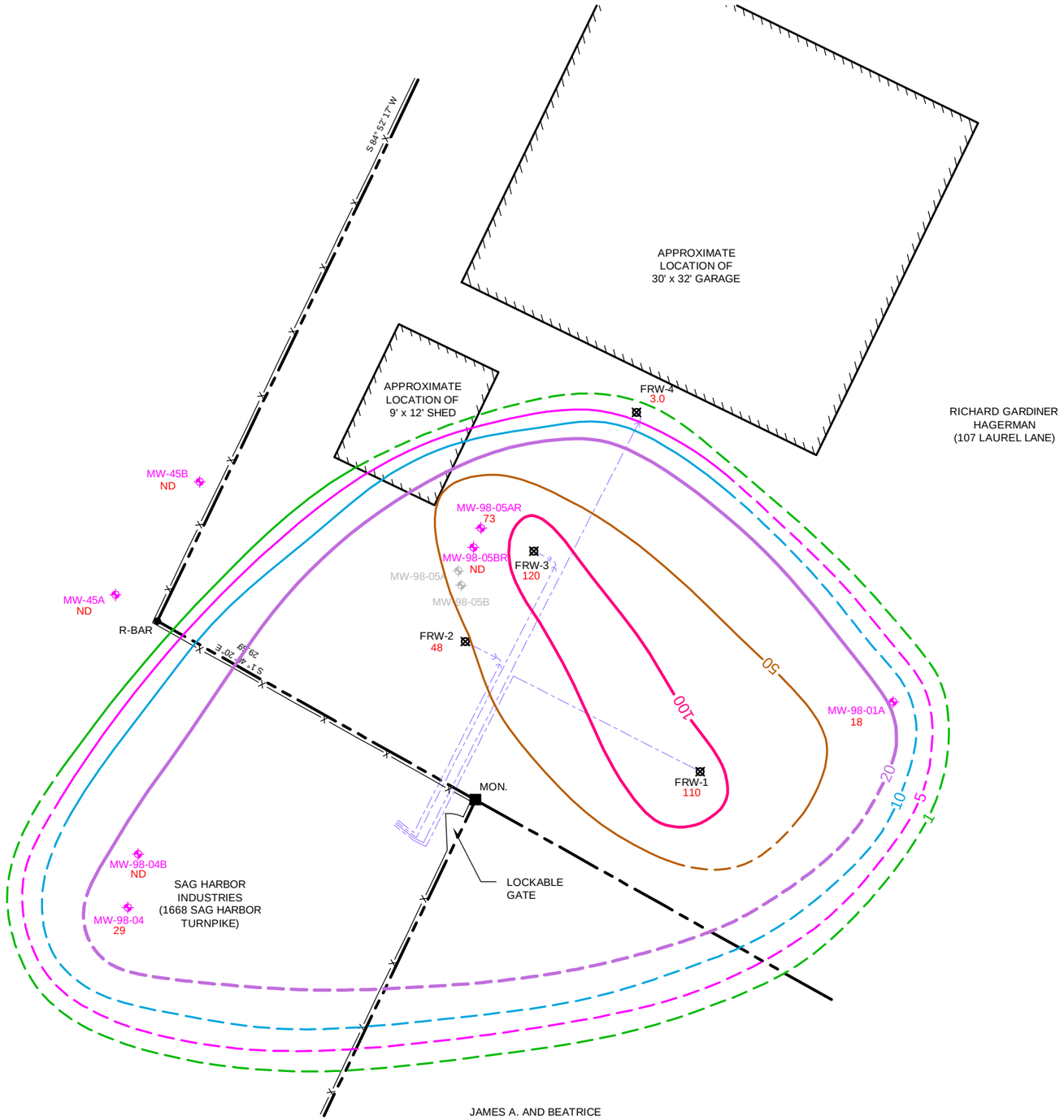
APRIL 2018 GROUNDWATER ELEVATION CONTOUR MAP AND CAPTURE ZONE WITH FP&T AND FSP&T SYSTEMS OPERATING

DATE	REVISED

PREPARED BY:

WSP USA
4 Research Drive
Suite 204
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	RAC	CHECKED:	MG	DATE:	07/24/18	FIGURE:	4



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- 29 — PCE CONCENTRATION (ppb)
- ND — NOT DETECTED
- MW-98-05B — DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 1 — PCE CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

NOTES:

1. PCE CONCENTRATION CONTOURS WERE PLOTTED FROM GROUNDWATER SAMPLES COLLECTED AT WELLS THAT HAVE SHALLOW SCREEN INTERVALS THAT SPAN THE WATER TABLE. MONITOR WELLS MW98-04B, MW98-05BR AND MW-45B ARE SCREENED DEEPER THAN THE OTHER MONITOR WELLS SHOWN ON THIS FIGURE AND DO NOT HAVE SCREENS THAT SPAN THE WATER TABLE; THEREFORE, PCE CONCENTRATIONS SHOWN AT THESE WELLS ARE NOT USED FOR CONTOURING.
2. 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.

0 10
SCALE IN FEET

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

MARCH 2018 PCE PLUME MAP

DATE	REVISED

PREPARED BY:

WSP USA
4 Research Drive
Suite 204
Shelton, Connecticut 06484
(203) 929-8555

DRAWN:	RAC	CHECKED:	TS	DATE:	07/24/18	FIGURE:	5

APPENDIX I

Low-Flow Sampling Logs

WSP USA

SAMPLE DATE: 3/29/18

TOTAL # WELLS: ~~6~~ 7

LOW-FLOW SAMPLING LOG

Client Name: Rowe Industries

Project Location: Sag Harbor, NY

Sampler(s): PS

Sample Pump: Geopump (peristaltic)

Tubing Type: LDPE - 30 Silicone 1

Monitoring Equipment: Horiba

Well I.D. MW-98-01A

Well Diameter (inches): 2

Total Depth (ft btoc): ~27.25

Depth to Water (ft btoc): 20.99

Screen Setting (ft btoc): ______ to ______

Tubing Intake (ft btoc): 24'

Comments: Pump on at [illegible]

Fill ~

Well Condition: Good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1043	21.16	250	6.24	0.203	3.1	6.14	11.19	90
1046	21.17	250	6.17	0.202	1.9	5.68	11.26	92
1049	21.17	250	6.11	0.201	1.8	~~[illegible]~~ 5.65	11.21	97
1052	21.17	250	6.05	0.200	2.3	5.69	11.14	94
1055	21.17	250	6.03	0.200	2.4	5.63	11.07	92

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1049	1052	+0	Y	-0.06	-0.5%	<5	+0.7%	-0.6%	-3
1052	1055	↓	↓	-0.02	+0	↓	-1.0%	-0.6%	-2
1049	1055	↓	↓	-0.08	-0.5%	↓	-0.3%	-1.2%	-5
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1056

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

PAGE 1 OF 1

SAMPLE DATE: 3/29

TOTAL # WELLS: 7

LOW-FLOW SAMPLING LOG

Client Name: Rowe Industries
Project Location: Sag Harbor, NY
Sampler(s): AS

Sample Pump: Geopump (peristaltic)
Tubing Type: LDPE - 25 Silicone 1
Monitoring Equipment: Horiba

Well I.D. MW-98-04
Well Diameter (inches): 2
Total Depth (ft btoc): 24
Depth to Water (ft btoc): 18.74

Screen Setting (ft btoc): [redacted] to ____
Tubing Intake (ft btoc): ~22
Comments: Pump on at 1460

Well Condition: Good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity mS/cm	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1453	18.80	250	5.95	0.559	40.0	5.62	11.13	168
1456	18.80	250	5.97	0.570	41.7	5.53	11.17	170
1459	18.80	250	6.00	0.573	40.1	5.34	11.16	175
1502	18.80	250	6.02	0.575	40.3	5.30	11.16	177
1505	18.80	250	6.03	0.577	40.0	5.28	11.16	179

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1459	1502	+0	Y	+0.02	+0.3%	+0.5%	-0.7%	+0	+2
1502	1505	↓	↓	+0.01	+0.2%	-0.7%	-0.4%	↓	+2
1459	1505	↓	↓	+0.03	+0.5%	-0.2%	-1.1%	↓	+4
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1506

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

LOW-FLOW SAMPLING LOG

PAGE 1 OF 1

SAMPLE DATE: 3/24

TOTAL # WELLS: 7

Client Name: Rowe Industries
Project Location: Sag Harbor, NY
Sampler(s): PS

Sample Pump: Geopump (peristaltic)
Tubing Type: LDPE - 36 Silicone /
Monitoring Equipment: Horiba

Well I.D. MW-98-04B
Well Diameter (inches): 2
Total Depth (ft btoc): ~37
Depth to Water (ft btoc): 18.64

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): ~32
Comments: Pump on at 1424

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1427	18.68	250	6.29	0.198	13.6	3.85	11.21	96
1430	18.68	250	6.10	0.211	9.0	2.40	11.50	125
1433	18.68	250	6.06	0.213	7.7	2.12	11.56	133
1436	18.68	250	6.05	0.213	5.6	2.08	11.57	136
1439	18.68	250	6.05	0.213	4.3	2.05	11.60	137

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1433	1436	+0	Y	-0.01	+0	<5	-1.9%	+0.1%	+3
1436	1439	↓	↓	+0	↓	↓	-1.4%	+0.3%	+1
1433	1439	↓	↓	-0.01	↓	↓	-3.3%	+0.4%	+4
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1440

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

wsp

LOW-FLOW SAMPLING LOG

PAGE 1 OF 1

SAMPLE DATE: 3/29

TOTAL # WELLS: 7

Client Name: Rowe Industries
Project Location: Sag Harbor, NY
Sampler(s): PS

Sample Pump: Geopump (peristaltic)
Tubing Type: LDPE - 43 Silicone 1
Monitoring Equipment: Horiba

Well I.D. MW-98-05-AR
Well Diameter (inches): 2
Total Depth (ft btoc): 46.2
Depth to Water (ft btoc): 20.00

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): ~40
Comments: Pump on at 1154

Well Condition: Good

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1158	20.02	250	6.26	0.245	11.2	4.12	11.82	127
1201	20.02	250	6.14	0.243	7.7	3.08	12.04	102
1204	20.02	250	6.09	0.241	4.5	2.84	12.01	87
1207	20.02	250	6.08	0.240	4.0	2.77	12.05	79
1210	20.02	250	6.08	0.238	4.3	2.81	12.04	76
1213	20.02	250	6.08	0.237	4.5	2.80	12.02	74

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1207	1210	+0	Y	+0	-0.8%	<5	+1.4%	-0.1%	-3
1210	1213	↓	↓	↓	-0.4%	↓	-0.3%	-0.2%	-2
1207	1213	↓	↓	↓	-1.2%	↓	+1.1%	-0.3%	-5
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1214

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

LOW-FLOW SAMPLING LOG

PAGE 1 OF 1

SAMPLE DATE: 3/29

TOTAL # WELLS: 7

Client Name:	Rowe Industries	Sample Pump:	Geopump (peristaltic)
Project Location:	Sag Harbor, NY	Tubing Type:	LDPE - 29 Silicone 1
Sampler(s):	PS	Monitoring Equipment:	Horiba
Well I.D.	MW-98-05BR	Screen Setting (ft btoc):	to
Well Diameter (inches):	2	Tubing Intake (ft btoc):	25
Total Depth (ft btoc):	~28.3	Comments:	Pump on at 1119
Depth to Water (ft btoc):	20.75		

Well Condition: Purged ~ 2-3 Gal Iron Flakes [illegible]

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1128	20.80	250	6.24	0.290	47.1	6.54	11.55	112
1131	20.80	250	6.19	0.308	16.3	4.41	11.37	120
1134	20.80	250	6.19	0.340	8.3	4.08	11.30	128
1137	20.80	250	6.18	0.348	7.2	3.99	11.28	129
1140	20.80	250	6.20	0.347	4.1	3.93	11.25	124

Total Volume of Groundwater Purged (gal): ~1.5

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1134	1137	+0	Y	-0.01	-2.3%	<5	-2.2%	-0.2%	+1
1137	1140	↓	↓	+0.02	-0.4%	↓	-1.5%	-0.2%	-5
1134	1140	↓	↓	+0.01	-2.7%	↓	-3.7%	-0.4%	-4
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1141

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

PAGE 1 OF ____

SAMPLE DATE: 3/29

TOTAL # WELLS: 7

LOW-FLOW SAMPLING LOG

Client Name: Rowe Industries
Project Location: Sag Harbor, NY
Sampler(s): PS

Sample Pump: Geopump (peristaltic)
Tubing Type: LDPE - 30 Silicone
Monitoring Equipment: Horiba

Well I.D. MW-45A
Well Diameter (inches): 2
Total Depth (ft btoc): ~29
Depth to Water (ft btoc): 18.57

Screen Setting (ft btoc): ____ to ____
Tubing Intake (ft btoc): ~25
Comments: Pump on at

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1309	18.58	250	6.18	0.231	19.9	4.63	11.18	119
1312	18.58	250	6.11	0.232	15.5	3.13	11.06	126
1315	18.58	250	6.07	0.233	13.9	2.68	11.01	133
1318	18.58	250	6.07	0.232	10.8	2.66	11.01	134
1321	18.58	250	6.07	0.232	10.7	2.66	11.00	135
1324	18.58	250	6.06	0.232	10.6	2.66	11.01	133

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1318	1321	+0	Y	+0	+0	-0.9%	+0	-0.1%	+1
1321	1324	↓	↓	-0.01	↓	-0.9%	↓	+0.1%	-2
1318	1324			-0.01	↓	-1.8%		+0	-1
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1325

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

WSP USA

PAGE 1 OF 1

SAMPLE DATE: 3/29

TOTAL # WELLS: 7

LOW-FLOW SAMPLING LOG

Client Name: Rowe Industries
Project Location: Sag Harbor, NY
Sampler(s): PS

Sample Pump: Geopump (peristaltic)
Tubing Type: LDPE - 5o Silicone
Monitoring Equipment: Horiba

Well I.D. MW-45B
Well Diameter (inches): 2
Total Depth (ft btoc): 51
Depth to Water (ft btoc): 18.41

Screen Setting (ft btoc): _____ to _____
Tubing Intake (ft btoc): ~45
Comments: Pump on at 1340

Well Condition:

Time (hours)	Depth to Water (ft btoc)	Evacuation Rate (ml/min)	Water Quality Monitoring Parameters: pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/l)	Temperature (°C)	ORP (mv)
1343	18.45	250	6.10	0.231	21.1	2.66	11.00	128
1346	18.45	250	6.20	0.249	30.7	2.73	10.79	108
1349	18.45	250	6.26	0.252	21.6	2.65	10.74	93
1352	18.45	250	6.28	0.253	19.7	2.57	10.71	88
1355	18.45	250	6.28	0.253	19.6	2.51	10.78	84
1358	18.45	250	6.28	0.253	19.4	2.49	10.74	80

Total Volume of Groundwater Purged (gal): ~1

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time FROM	Time TO	Depth to Water (ft btoc)	Total Removed > Change in Storage (Y/N)?	pH	Conductivity (%)	Turbidity (%)	Dissolved oxygen (%)	Temperature (%)	ORP (mv)
1352	1355	+0	Y	+0	+0	-0.5%	-2.3%	+0.7%	-4
1355	1358	↓	↓	↓	↓	-1.0%	-0.7%	-0.4%	-4
1352	1358	↓	↓	↓	↓	-1.5%	-3.0%	+0.3%	-8
Recommended Stabilization		≤ 0.3 ft. total	NA	+/- 0.1 unit	+/- 3%	<5 NTU or +/- 10%	+/- 10% if >0.5 mg/L	+/- 3%	+/- 10 mv
Stabilization: (Yes/No)		Y	—	Y	Y	Y	Y	Y	Y

Sample Time: 1359

ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Celsius
ml/min	milliliters per minute	mg/l	milligrams per liter	mv	millivolts
µs/cm	microseimens per centimeter	ms/cm	milliseimens per centimeter		

APPENDIX II

Laboratory Analytical Result

Technical Report

prepared for:

WSP USA, Inc. (Shelton)
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/06/2018
Client Project ID: NABSAG
York Project (SDG) No.: 18C1208

Report Date: 04/06/2018
Client Project ID: NABSAG
York Project (SDG) No.: 18C1208

WSP USA, Inc. (Shelton)
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 30, 2018 and listed below. The project was identified as your project: **NABSAG**.

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.

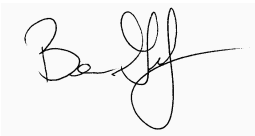
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18C1208-01	MW-98-01A	Water	03/29/2018	03/30/2018
18C1208-02	MW-98-04	Water	03/29/2018	03/30/2018
18C1208-03	MW-98-04B	Water	03/29/2018	03/30/2018
18C1208-04	MW-98-05AR	Water	03/29/2018	03/30/2018
18C1208-05	MW-98-05BR	Water	03/29/2018	03/30/2018
18C1208-06	MW-45A	Water	03/29/2018	03/30/2018
18C1208-07	MW-45B	Water	03/29/2018	03/30/2018
18C1208-08	Trip Blank	Water	03/29/2018	03/30/2018
18C1208-09	Equipment Blank	Water	03/29/2018	03/30/2018

General Notes for York Project (SDG) No.: 18C1208

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: 

Date: 04/06/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 18C1208-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 10:56 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 16:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS

Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 18C1208-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 10:56 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:25	SS

Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 18C1208-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 10:56 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	**Tetrachloroethylene**	**18**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 16:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: MW-98-04 **York Sample ID:** 18C1208-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:06 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
71-55-6	**1,1,1-Trichloroethane**	**0.22**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 16:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS

Sample Information

Client Sample ID: MW-98-04 **York Sample ID:** 18C1208-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:06 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 16:57	SS

Sample Information

Client Sample ID: MW-98-04 **York Sample ID:** 18C1208-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:06 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**29**		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/04/2018 14:25	04/04/2018 16:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*79-122*

Sample Information

Client Sample ID: MW-98-04B

York Sample ID: 18C1208-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 2:40 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 17:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS

Sample Information

Client Sample ID: MW-98-04B

York Sample ID: 18C1208-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 2:40 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 17:29 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-98-04B **York Sample ID:** 18C1208-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 2:40 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 17:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 17:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 17:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 17:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.1 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: MW-98-05AR

York Sample ID: 18C1208-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 12:14 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-98-05AR

York Sample ID: 18C1208-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 12:14 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:01 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-98-05AR

York Sample ID: 18C1208-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 12:14 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 18:01	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 18:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 18:01	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*79-122*

Sample Information

Client Sample ID: **MW-98-05BR** **York Sample ID:** **18C1208-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 11:41 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
71-55-6	**1,1,1-Trichloroethane**	**0.38**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 18:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 18:33	SS

Sample Information

Client Sample ID: MW-98-05BR

York Sample ID: 18C1208-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 11:41 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 18:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-98-05BR

York Sample ID: 18C1208-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 11:41 am	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	**Tetrachloroethylene**	**73**		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	04/04/2018 14:25	04/04/2018 18:33	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: MW-45A

York Sample ID: 18C1208-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:25 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 19:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS

Sample Information

Client Sample ID: MW-45A

York Sample ID: 18C1208-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:25 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-45A

York Sample ID: 18C1208-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:25 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 19:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/04/2018 19:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 19:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/04/2018 19:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: **MW-45B** **York Sample ID:** **18C1208-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:59 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-45B

York Sample ID: 18C1208-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:59 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW-45B

York Sample ID: 18C1208-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 1:59 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 19:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C1208-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 4:00 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **18C1208-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 4:00 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
67-64-1	**Acetone**	**1.1**	CCV-E, SCAL-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:08	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 18C1208-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 4:00 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*79-122*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **18C1208-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:19 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **18C1208-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:19 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
67-64-1	**Acetone**	**4.9**	CCV-E, SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/04/2018 20:40	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **18C1208-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C1208	NABSAG	Water	March 29, 2018 3:19 pm	03/30/2018

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	**Toluene**	**0.21**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/04/2018 14:25	04/04/2018 20:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*79-122*

Analytical Batch Summary

Batch ID: BD80161 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C1208-01	MW-98-01A	04/04/18
18C1208-02	MW-98-04	04/04/18
18C1208-03	MW-98-04B	04/04/18
18C1208-04	MW-98-05AR	04/04/18
18C1208-05	MW-98-05BR	04/04/18
18C1208-06	MW-45A	04/04/18
18C1208-07	MW-45B	04/04/18
18C1208-08	Trip Blank	04/04/18
18C1208-09	Equipment Blank	04/04/18
BD80161-BLK1	Blank	04/04/18
BD80161-BS1	LCS	04/04/18
BD80161-BSD1	LCS Dup	04/04/18

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
Batch BD80161 - EPA 5030B											
Blank (BD80161-BLK1)											Prepared & Analyzed: 04/04/2018
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	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								

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 BD80161 - EPA 5030B											
Blank (BD80161-BLK1)								Prepared & Analyzed: 04/04/2018			
o-Xylene	ND	0.50	ug/L								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.88*		*"*	*10.0*		*98.8*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS (BD80161-BS1)								Prepared & Analyzed: 04/04/2018			
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136				
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	11.2		"	10.0		112	83-133				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	77-128				
1,2,4-Trichlorobenzene	9.90		"	10.0		99.0	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	10.5		"	10.0		105	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.9		"	10.0		109	73-132				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131				
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122				
1,3-Dichloropropane	11.4		"	10.0		114	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
2,2-Dichloropropane	10.9		"	10.0		109	56-150				
2-Chlorotoluene	11.1		"	10.0		111	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	11.1		"	10.0		111	79-128				
Acetone	8.64		"	10.0		86.4	14-150				
Benzene	11.4		"	10.0		114	85-126				
Bromobenzene	11.0		"	10.0		110	78-129				
Bromochloromethane	9.77		"	10.0		97.7	77-128				
Bromodichloromethane	11.2		"	10.0		112	79-128				
Bromoform	9.50		"	10.0		95.0	78-133				
Bromomethane	8.74		"	10.0		87.4	43-168				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80161 - EPA 5030B											
LCS (BD80161-BS1)							Prepared & Analyzed: 04/04/2018				
Carbon tetrachloride	10.8		ug/L	10.0		108	77-141				
Chlorobenzene	11.4		"	10.0		114	88-120				
Chloroethane	11.7		"	10.0		117	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	10.7		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	11.3		"	10.0		113	72-134				
Dichlorodifluoromethane	13.0		"	10.0		130	44-144				
Ethyl Benzene	11.7		"	10.0		117	80-131				
Hexachlorobutadiene	9.21		"	10.0		92.1	67-146				
Isopropylbenzene	10.3		"	10.0		103	76-140				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135				
Methylene chloride	9.66		"	10.0		96.6	55-137				
Naphthalene	11.0		"	10.0		110	70-147				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	11.1		"	10.0		111	78-133				
o-Xylene	11.8		"	10.0		118	78-130				
p- & m- Xylenes	23.5		"	20.0		117	77-133				
p-Isopropyltoluene	10.4		"	10.0		104	81-136				
sec-Butylbenzene	10.8		"	10.0		108	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butylbenzene	10.2		"	10.0		102	77-138				
Tetrachloroethylene	8.83		"	10.0		88.3	82-131				
Toluene	11.4		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	78-131				
Trichloroethylene	11.2		"	10.0		112	82-128				
Trichlorofluoromethane	11.9		"	10.0		119	67-139				
Vinyl Chloride	11.9		"	10.0		119	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80161 - EPA 5030B											
LCS Dup (BD80161-BSD1)								Prepared & Analyzed: 04/04/2018			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		3.29	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		3.45	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		9.50	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.91		"	10.0		99.1	54-165		3.28	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		2.71	30	
1,1-Dichloroethane	10.4		"	10.0		104	82-129		4.15	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		3.16	30	
1,1-Dichloropropylene	10.8		"	10.0		108	83-133		3.19	30	
1,2,3-Trichlorobenzene	9.59		"	10.0		95.9	76-136		8.01	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		3.25	30	
1,2,4-Trichlorobenzene	9.44		"	10.0		94.4	76-137		4.76	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		3.41	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		4.86	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		1.42	30	
1,2-Dichlorobenzene	9.99		"	10.0		99.9	79-123		3.15	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		1.39	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		2.84	30	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		2.53	30	
1,3-Dichlorobenzene	9.95		"	10.0		99.5	86-122		2.97	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		2.49	30	
1,4-Dichlorobenzene	9.85		"	10.0		98.5	85-124		2.31	30	
2,2-Dichloropropane	10.4		"	10.0		104	56-150		4.79	30	
2-Chlorotoluene	10.8		"	10.0		108	79-130		2.65	30	
2-Hexanone	10.3		"	10.0		103	51-146		1.96	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		3.86	30	
Acetone	11.0		"	10.0		110	14-150		24.2	30	
Benzene	11.0		"	10.0		110	85-126		3.12	30	
Bromobenzene	10.7		"	10.0		107	78-129		3.41	30	
Bromochloromethane	9.70		"	10.0		97.0	77-128		0.719	30	
Bromodichloromethane	11.0		"	10.0		110	79-128		1.08	30	
Bromoform	9.40		"	10.0		94.0	78-133		1.06	30	
Bromomethane	9.59		"	10.0		95.9	43-168		9.27	30	
Carbon tetrachloride	10.2		"	10.0		102	77-141		5.42	30	
Chlorobenzene	11.0		"	10.0		110	88-120		3.04	30	
Chloroethane	11.5		"	10.0		115	65-136		2.15	30	
Chloroform	11.0		"	10.0		110	82-128		2.78	30	
Chloromethane	10.5		"	10.0		105	43-155		1.51	30	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	83-129		3.15	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		2.22	30	
Dibromochloromethane	10.3		"	10.0		103	80-130		1.44	30	
Dibromomethane	11.1		"	10.0		111	72-134		1.61	30	
Dichlorodifluoromethane	12.7		"	10.0		127	44-144		1.94	30	
Ethyl Benzene	11.4		"	10.0		114	80-131		2.50	30	
Hexachlorobutadiene	8.94		"	10.0		89.4	67-146		2.98	30	
Isopropylbenzene	9.92		"	10.0		99.2	76-140		4.15	30	
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	76-135		2.06	30	
Methylene chloride	9.82		"	10.0		98.2	55-137		1.64	30	
Naphthalene	10.1		"	10.0		101	70-147		8.45	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		1.56	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		3.30	30	
o-Xylene	11.5		"	10.0		115	78-130		2.58	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80161 - EPA 5030B											
LCS Dup (BD80161-BSD1)								Prepared & Analyzed: 04/04/2018			
p- & m- Xylenes	22.8		ug/L	20.0		114	77-133		2.68	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		1.36	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		3.40	30	
Styrene	10.5		"	10.0		105	67-132		2.36	30	
tert-Butylbenzene	9.99		"	10.0		99.9	77-138		2.18	30	
Tetrachloroethylene	8.60		"	10.0		86.0	82-131		2.64	30	
Toluene	11.1		"	10.0		111	80-127		3.11	30	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132		3.79	30	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	78-131		2.43	30	
Trichloroethylene	11.5		"	10.0		115	82-128		3.26	30	
Trichlorofluoromethane	11.8		"	10.0		118	67-139		0.675	30	
Vinyl Chloride	11.4		"	10.0		114	58-145		4.55	30	
Surrogate: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C1208-01	MW-98-01A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-02	MW-98-04	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-03	MW-98-04B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-04	MW-98-05AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-05	MW-98-05BR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-06	MW-45A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-07	MW-45B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18C1208-09	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

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

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.

YORK Project No. 18C1208

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YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: WSP USA	Company:	Company:	NABSAG	RUSH - Next Day
Address: 4 Research Dr Ste 204 Shelton CT 06484	Address: SAME	Address: SAME	YOUR Project Name	RUSH - Two Day
Phone.: 203-929-8555	Phone.:	Phone.:	Rowe / Kralo	RUSH - Three Day
Contact: Tunde Sandor	Contact:	Contact:		RUSH - Four Day
E-mail: Tunde-Sandor@WSP.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

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.

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

Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York X	(Summary Report)	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS	
WW - wastewater	Pennsylvania	(NY ASP B Package)	NJDKQP	NJDEP SRP HazSite	
O - Oil / Other	Other			Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-98-01A	GW	3/29 1056	VOCs 8260 + Freon-113	3x Voa
MW-98-04	↓	↓ 1506	↓	↓
MW-98-04B	↓	↓ 1440	↓	↓
MW-98-05AR	↓	↓ 1214	↓	↓
MW-98-05BR	↓	↓ 1141	↓	↓
MW-45A	↓	↓ 1325	↓	↓
MW-45B	↓	↓ 1359	↓	↓
Trip Blank	W	—	↓	2x Voa
Equipment Blank	W	3/29 1519	↓	3x Voa

Comments:

Preservation: (check all that apply)
HCl X MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
[signature] / WSP	3/29/18 2015	WSP Fridge	3/29 20:15	WSP Fridge	3/30 1200
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
[signature] / WSP	3/30 1200				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
[signature] / WSP	3/30 1220			PGrace 3-30-18	1220 Degrees C