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POST-REMEDIATION ACTION QUARTERLY MONITORING REPORT NO. 2

FORMER DRUM STORAGE AREA ROWE INDUSTRIES SITE SAG HARBOR, NEW YORK

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ACRONYMS AND ABBREVIATIONS

ARARs	Applicable or Relevant and Appropriate Requirements
bgs	below ground surface
COC	chemicals of concern
CVOCs	chlorinated volatile organic compounds
cDCE	cis-1,2-dichloroethene
COCs	contaminants of concern
<i>Dhc</i>	<i>Dehalococcoides</i>
DO	dissolved oxygen
EVO	emulsified vegetable oil
FP&T	focused pump and treat
FDSA	former drum storage area
FSP&T	full-scale pump and treat
ISB	<i>in-situ</i> bioremediation
ISCR	<i>in-situ</i> chemical reduction
Kraft	Kraft Heinz Foods Company, Inc.
LBGHES	LBG Hydrogeologic and Engineering Services, P.C.
µg/L	micrograms per liter
mg/L	milligrams per liter
ORP	oxidation reduction potential
Ramboll	Ramboll US Consulting, Inc.
ROD	Record of Decision
SVE	soil vapor extraction
PCE	tetrachloroethene
TCA	1,1,1-trichloroethane
TOC	total organic carbon
TCE	trichloroethene
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound
ZVI	zero valent iron

1. INTRODUCTION

On behalf of Kraft Heinz Foods Company, Inc. (Kraft Heinz), Ramboll US Consulting, Inc. (Ramboll) has prepared this Report to present August/September 2020 performance monitoring results of February 2020 remedial actions designed to treat chemicals of concern (COCs; primarily tetrachloroethene [PCE] and its anaerobic degradation products) in groundwater at the former drum storage area (FDSA) on the Rowe Industries Superfund Site (the "Site") located in Sag Harbor, New York (Figure 1 and Figure 2). This report presents the second quarterly monitoring event results since the baseline monitoring was conducted in February 2020. The first quarterly monitoring event was conducted in May 2020. These remedial actions were implemented in accordance with the United States Environmental Protection Agency (USEPA)-approved *Work Plan for In-Situ Groundwater Remediation, Former Drum Storage Area, Rowe Industries Site* (Ramboll, November 2019). Implementation of the remedial actions was conducted as documented in the *Electron Donor Injection Documentation Report* (Ramboll, May 2020).

2. BACKGROUND

2.1 Site History

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 FDSA of the Site that eventually leaked to the ground surface. The contamination was detected in nearby drinking water wells during the mid-1980s, and a Suffolk County Department of Health investigation identified the source as the property occupied by Sag Harbor Industries (SHI). A subsequent remedial investigation identified COCs as PCE, trichloroethene (TCE) and 1,1,1-trichloroethane (TCA). Groundwater impacted with these COCs was found to extend northwesterly from the FDSA over a distance in excess of ½ mile toward a brackish estuary named Ligonee Creek and also Sag Harbor Cove. The subject of this report is residual impacted soil and groundwater within the FDSA, which is located on an upgradient adjacent property to SHI (107 Laurel Lane in Sag Harbor, New York). The following sections provide a summary of soil and groundwater remedial actions conducted at the FDSA.

2.2 Previous FDSA Unsaturated Zone Treatment

Excavation of contaminated soil from the surface to 4 feet below ground surface (bgs) was completed in the FDSA in 1998. To treat remaining chlorinated volatile organic compounds (CVOC) in unsaturated zone soil, a soil vapor extraction (SVE) system was installed and operated from 1998 to 2003. In January 2005, LBG Hydrogeologic and Engineering Services, P.C. (LBGHES) submitted to the USEPA a report entitled *Addendum to Soil Remedial Action Report, Closure Request for Source Soils in the Former Drum Storage Area*. The 2005 LBGHES report demonstrated that soil quality in the unsaturated zone of the FDSA had achieved Applicable or Relevant and Appropriate Requirements (ARARs), and the USEPA subsequently approved the report conclusions. Remaining cleanup efforts within the FDSA therefore focus on treating the identified COCs in the saturated zone and capillary fringe near the water table.

As part of the information presented in the January 2005 LBGHES report, exceedances of the ARAR for PCE in soil were identified from soil samples collected at borings C3-2 and C3-4 in January 2003. The detected PCE in these soil boring samples was located at depths below the annual high water table, such that the PCE was located within the saturated soil for a portion of the year and therefore not

considered to represent the vadose zone. The January 2005 LBGHES report concluded that this detected PCE would be more effectively treated via a groundwater remedy.

2.3 Previous FDSA Saturated Zone Treatment

In November 2000, a focused groundwater pump and treat (FP&T) remediation system began operating with four focused recovery wells (FRW-1, 2, 3, and 4) within the FDSA. The primary objective of groundwater extraction from these four focused recovery wells is to prevent the COCs from migrating beyond the FDSA.

In December 2002, a site full-scale groundwater pump and treat (FSP&T) system consisting of nine recovery wells (identified as RW-1 through RW-9), an equalization tank, bag filters, tower air stripper, and transfer tank was installed and began operation for the purpose of recovering dissolved-phase COCs in groundwater downgradient of the FDSA.

In November 2004, approximately 10,800 pounds of EHC[®] product, which contained a micron-scale zero-valent iron (ZVI) and a carbon substrate, was injected into the saturated zone of the FDSA to enhance abiotic and biotic reductive dechlorination. The EHC[®] injection facilitated limited degradation of PCE to degradation products cis-1,2-dichloroethene (cDCE) and vinyl chloride (VC). However, COC concentrations in groundwater persisted at concentrations above ARARs so the pump and treat operations in the FDSA were resumed.

Between July 2005 and January 2014, in accordance with the Site's Consent Decree, eight of the recovery wells located downgradient of the FDSA were shut down with USEPA's approval once the water quality in those wells had achieved ARARs for at least 3 consecutive years. FP&T wells FRW-1 through FRW-4, and also downgradient FSP&T well RW-2, currently remain in operation. Since 2000, the results of ongoing groundwater monitoring have confirmed that COCs in groundwater have not migrated beyond the FDSA. However, due to continued elevated concentrations in the FDSA groundwater, the recently-completed *in-situ* groundwater remedial actions documented herein were implemented to further treat COC-impacted groundwater within the FDSA.

As indicated in Section 2.2, residual PCE is located at depths below the annual high water table, such that electron donor injection for the purpose of *in-situ* groundwater remediation should occur during high water table conditions. An evaluation of local precipitation and associated groundwater elevation patterns was therefore conducted prior to the February 2020 electron donor injection event to gain an understanding of expected water table conditions at the time of injection.

3. FEBRUARY 2020 FDSA SATURATED ZONE TREATMENT

Ramboll proposed additional *in-situ* treatment of soil and groundwater within the FDSA in the November 2019 Work Plan. Specifically, Ramboll proposed additional remedial action via *in-situ* chemical reduction (ISCR) and *in-situ* anaerobic bioremediation (ISB) within a vertical zone that ranged from approximately 16 to 31 feet bgs over an approximately 2,000 square foot area (Figure 3 and Figure 4). This treatment zone encompasses previously-detected CVOC concentrations in soil associated with a clay lens and interbedded sands and silts beneath the FDSA.

Ramboll contracted Redox Tech, LLC (Redox Tech) to implement ISCR/ISB via electron donor injection within the FDSA. The ISCR/ISB reagents included five 1,000-liter totes of Anerobic BioChem (ABC[®]) carbon substrate, 5 liters of *Dehalococcoides (Dhc) containing* bacteria (commercially known as "RTB-1"), and 6,000 pounds of micron-scale ZVI. In addition to the ISCR/ISB reagents, guar was used

on an as-needed basis to suspend the ZVI particles in prepared injection fluid, sodium sulfite to reduce dissolved oxygen in the injected amendment to support *Dhc* development, and granular bentonite for sealing the injection points.

Injection of reagents was conducted from February 25 to 28, 2020. A total of 19 injection points were advanced within the target injection area. Each injection location received 495 gallons of slurry that included approximately 474 pounds of ABC®, 316 pounds of ZVI, approximately 0.3 liters of RTB-1, and potable water that was deoxygenated using small quantities of sodium sulfite. The total quantities of injected amendment included 9,000 pounds of ABC®, 6,000 pounds of micron-scale ZVI and 5 liters of RTB-1, for a total of approximately 15,000 pounds of injected amendment that is commercially known as "ABC+."

The injections were performed at depths ranging from approximately 15 to 32 feet bgs at each injection location, as determined by surface topography and existing stratigraphic information (Figure 5 and Figure 6). The injections were performed using a direct push drill rig with hollow stem rods. The rods were advanced to the target depth and a hose fitting was threaded to the top of the rods connected to a diaphragm pump to deliver the amendments to the subsurface. The amendments were delivered in 1-foot intervals to facilitate adequate and uniform vertical distribution of reagent. At each interval, approximately 33 gallons of amendment was delivered for a total of approximately 495 gallons of amendment delivered per injection point as indicated above. The formation readily received the injected slurry with no daylighting and minimal injection pressures (approximately 100 pounds per square inch [psi]). The injected flow rates exceeded 8 gallons per minute (gpm). Each boring was sealed at the completion of the injections using granular bentonite, and subsequently hydrated.

4. GROUNDWATER MONITORING PLAN

To evaluate the effectiveness of the February 2020 ISCR/ISB remedial actions, baseline and ongoing post-injection sampling of wells FRW-1 through FRW-4, MW98-05AR, and MW-98-01A includes analysis of the following parameters: volatile organic compounds (VOCs; Method 8260), sulfate (Method 300), ethene/ethane/ methane (Method 8015), dissolved iron (Method 6010B/200.8), total organic carbon (TOC) (Method 5310C), and nitrate+nitrite (Method 300). For data quality purposes, one field duplicate sample is submitted for laboratory analysis of the parameters identified above as part of each monitoring event. The field parameters turbidity, specific conductance, dissolved oxygen (DO), pH, oxidation-reduction potential (ORP), and temperature are also analyzed in the field as part of each sampling event. In addition, monitoring wells MW98-04 and MW-45A are being monitored for VOCs.

Subsequent to the February 2020 ISCR/ISB injection event, the groundwater monitoring described above is being conducted on a quarterly basis for 1 year (four sampling events), followed by 2 years of semi-annual monitoring (four additional sampling events), followed by annual groundwater monitoring thereafter. Wells MW-28A/B, 44A/B/C, 58A/B, 59A/B, 98-04B, 45B, and N-32 and 32B will continue to be sampled in accordance with their regular annual monitoring schedule. The frequency of groundwater monitoring and scope of laboratory analyses may be modified during the course of the groundwater monitoring program in response to monitoring results and field observations.

The focused recovery wells have been turned off since February 2020 to prevent removal of the injected reagents. However, extraction well RW-2 located downgradient of the FDSA will remain active and follow the current monitoring and operation schedule until post-injection monitoring confirms that PCE concentrations have stabilized.

5. GROUNDWATER MONITORING RESULTS

Pursuant to the November 2019 Ramboll Work Plan, the following monitoring wells were sampled using low flow sampling procedures between August 30 and September 3, 2020: FRW-1, FRW-2, FRW-3, FRW-4, MW-45A/B, MW-98-01A, MW-98-04, MW-98-05AR, MW-28A/B, MW-44A/B/C, MW-58A/B, MW-59A/B, 98-04B, and N-32 and 32B. Monitoring wells FRW-1 through FRW-4, MW98-05AR, and MW-98-01A are considered treatment zone monitoring wells. The groundwater samples were submitted to York Analytical Laboratories, Inc., a New York-certified laboratory, and groundwater field sampling logs are provided as Appendix A. The groundwater samples were analyzed for VOCs. The bioremediation indicator parameters including dissolved iron, TOC, nitrate+nitrite, sulfate, ethene, ethane, and methane were also analyzed in the groundwater samples collected from FRW-1 through FRW-4, MW-98-01A, and MW98-05AR.

Following groundwater sample collection, the laboratory-provided groundwater sample containers were labeled with the sample location identifier, date and time of sample collection, and intended laboratory analyses. The sample containers were placed on ice in insulated coolers. A chain-of-custody form was prepared upon completion of sampling and accompanied the groundwater sample coolers to the project laboratory.

5.1 Water Table Elevations and Inferred Groundwater Flow Directions

An electronic water-level meter was used to measure static groundwater levels. The groundwater elevation measurements are provided in Table 1 and a potentiometric surface contour map with inferred groundwater flow directions based on the September 2020 water table elevation measurements is shown on Figure 7.

As indicated in Table 1, measured depths to the water table below the top of inner polyvinylchloride (PVC) well casings at the site in September 2020 ranged from 18.61 feet at monitoring well MW-28B to 27.12 feet at well MW-59A. As shown on Figure 7, the September 2020 water table elevations ranged from 6.41 to 7.79 feet above mean sea level (AMSL), which are approximately 1 to 2 feet lower than the previous (May 2020) water table measurements. Based on the measured water table elevations, the inferred direction of shallow groundwater flow within the FDSA is generally to the north-northeast, at an estimated horizontal hydraulic gradient of approximately 0.003.

5.2 Field Parameters

Prior to collection of groundwater samples for laboratory analysis, each monitoring well was opened and allowed to equilibrate, and an electronic water-level meter was used to measure static groundwater levels. Once the static water levels were recorded, the wells were purged using low-flow techniques, and groundwater samples were collected using a peristaltic pump fitted with new, disposable tubing. The monitoring wells were purged until the field parameters of pH, specific conductance, and temperature stabilized, followed by sampling of the wells. Field parameters consisting of pH, specific conductivity, temperature, DO, and ORP were measured at all sampled monitoring wells using a Horiba U52 meter and flow-through cell and the results are documented in Table 2.

The field parameter data obtained within the treatment zone (exclusive of wells MW-45A and MW-98-04, which are outside of the treatment zone) as part of the February 2020 baseline groundwater monitoring event and May 2020 post-injection groundwater monitoring event are summarized as follows:

- Values of specific conductivity increased from a range of 85 to 151 micro-siemens per centimeter ($\mu\text{S}/\text{cm}$) in February 2020 to a range of 637 $\mu\text{S}/\text{cm}$ (at FRW-4) to 3,420 $\mu\text{S}/\text{cm}$ (at FRW-3) in

August/September 2020, which may be indicative of subsurface distribution of the lactate-based carbon substrate within the treatment zone. Specific conductivity ranged from 118 $\mu\text{S}/\text{cm}$ (at MW-28B) to 326 $\mu\text{S}/\text{cm}$ (at MW-59A) in non-treatment zone wells.

- Groundwater was under anaerobic to mildly aerobic conditions as the monitoring wells revealed February 2020 baseline DO concentrations that ranged from 0.88 milligrams per liter (mg/L) at MW-98-05AR to 4.95 mg/L at FRW-1 within the treatment zone. None of the post-injection August/September 2020 groundwater samples within the treatment zone revealed detectable DO, which is consistent with anaerobic conditions induced by the injection of electron donor. DO concentrations in non-treatment zone monitoring wells ranged from 0.0 mg/L to 8.15 mg/L (at MW-44B).
- The February 2020 ORP of the groundwater samples from the treatment zone monitoring wells ranged from +81 millivolts (mV) at MW-98-01A to +215 mV at FRW-1, which indicated that the groundwater was under mildly oxidizing conditions. The August/September 2020 ORP of the groundwater samples within the treatment zone ranged from -8 mV (at MW-98-05AR) to -161 mV (at FRW-4), which indicates that the groundwater has transitioned to more reducing conditions in response to the injection of electron donor. The ORP ranged from -120 mV (at MW-28A) to +324 mV (at MW-58B) in non-treatment zone wells during the August/September 2020 sampling event.
- The February 2020 pH of the groundwater ranged from 5.20 (at FRW-1) to 6.14 at (MW-98-05AR) in the treatment zone monitoring wells. The August/September 2020 pH values were higher as they ranged from 6.04 (at FRW-2) to 6.64 (at FRW-1) in treatment zone monitoring wells, and from 5.17 (at MW-58A) to 6.53 (at N-32) in non-treatment zone wells. The injected ABC[®] carbon substrate contains a phosphate pH buffer, and hydroxyl ions produced from corrosion of ZVI may also have increased the pH within the treatment zone to levels more favorable for *Dhc* development (in general, microbes generally prefer a pH range of 5 to 9 and *Dhc* microbial development is supported at pH values generally between 6 and 8).

5.3 Analytical Laboratory Parameters

Analytical results with associated Quality Assurance/Quality Control (QA/QC) qualifiers are provided in Appendix B, and a data validation report is provided in Appendix C. A comparison of the analyzed parameters in the groundwater samples obtained as part of the quarterly groundwater monitoring events with New York State Ambient Groundwater standards is provided in Table 3 and Figure 8. The analytical results are reported in units of micrograms per liter ($\mu\text{g}/\text{L}$), which is equivalent to parts per billion (ppb), or mg/L, which is equivalent to parts per million (ppm). Locations of monitoring wells are identified on Figure 2.

5.3.1 Total Organic Carbon

TOC is an indicator of natural organic carbon as part of baseline site characterization and is also an indicator of substrate distribution during anaerobic bioremediation performance monitoring. TOC concentrations greater than 20 mg/L are desired within an anaerobic treatment zone. Stable or declining total organic carbon concentrations less than 20 mg/L, in conjunction with elevated concentrations of CVOCs and alternate electron acceptors indicate that additional substrate is required to sustain the treatment zone (AFCEE, 2004).

February 2020 TOC concentrations in the treatment zone monitoring wells ranged from 2.16 mg/L (at MW-98-01A) to 2.66 mg/L (at MW-98-05AR) (Table 3), confirming that addition of carbon substrate was likely required to sustain an anaerobic bioremediation treatment zone. In response to the injection of carbon substrate, August/September 2020 TOC concentrations increased to a range from 352 mg/L (at well FRW-4) to 2,380 mg/L (at well FRW-3). The arithmetic mean TOC concentration

increased over two orders-of-magnitude, from 2.33 mg/L in February 2020 to 1,214 mg/L in August/September 2020. Therefore, TOC concentrations remain favorable for anaerobic bioremediation within the treatment zone based on the August/September 2020 data, 6 months after completion of the February 2020 carbon substrate and ZVI injection.

5.3.2 Nitrate

Nitrate is an alternate electron acceptor for microbial respiration in the absence of oxygen. Depleted concentrations of nitrate relative to background values indicate that the groundwater environment is sufficiently reducing to sustain nitrate reduction. Nitrate concentrations less than 1 mg/L are desirable for anaerobic dechlorination to occur.

February 2020 nitrate concentrations in the treatment zone monitoring wells ranged from 0.166 to 1.17 mg/L, indicating that addition of carbon substrate would be beneficial to sustain an anaerobic bioremediation treatment zone. In contrast, none of the August/September 2020 groundwater samples in treatment zone monitoring wells revealed detectable concentrations of nitrate, at a detection limit of 0.050 mg/L. Nitrate reducing conditions continue to be present based on the August/September 2020 groundwater sample results.

5.3.3 Ferrous Iron

In some cases, ferric iron is used as an electron acceptor during anaerobic biodegradation of organic carbon; however, ferric iron is typically present in solid mineral form. During this process, ferric iron is reduced to ferrous iron, which is soluble in water. Elevated concentrations of ferrous iron indicate that the groundwater environment is sufficiently reducing to sustain iron reduction and for anaerobic dechlorination to occur. However, ferrous iron concentrations may be biased low due to co-precipitation with sulfides. Dependent on the amount of fermentable substrate and bioavailable iron already present in the aquifer, a site may not exhibit a substantial increase in ferrous iron if ferric iron is already low or depleted.

February 2020 dissolved iron concentrations ranged from <0.010 to 0.465 mg/L in the groundwater treatment zone. These relatively low baseline dissolved iron concentrations were not consistent with strongly reducing conditions. Post-injection August/September 2020 ferrous iron concentrations increased substantially to a range from 297 mg/L (at well MW-98-01A) to 1,950 mg/L (at well FRW-3). These elevated concentrations of ferrous iron in response to the delivered carbon substrate and ZVI indicate that the groundwater environment within the treatment zone remains sufficiently reducing to sustain iron reduction and for anaerobic dechlorination to occur.

5.3.4 Sulfate

Sulfate is an alternate electron acceptor for microbial respiration in the absence of oxygen, nitrate, and ferric iron. Depleted concentrations of sulfate relative to background values indicate that the groundwater environment is sufficiently reducing to sustain sulfate reduction and for anaerobic dechlorination to occur. Sulfate concentrations less than 20 mg/L are desirable, but not required, for anaerobic dechlorination to occur. High concentrations of sulfate in conjunction with the absence of TOC indicate that additional substrate may be required to promote anaerobic dechlorination.

February 2020 sulfate concentrations detected in the groundwater treatment monitoring wells ranged from 6.84 to 12.1 mg/L; these relatively low native sulfate concentrations were concluded to not pose a high electron donor demand within the groundwater treatment zone. In response to the February 2020 electron donor injection event, the August/September 2020 groundwater samples revealed even

lower sulfate concentrations (a range between <1 to 1.64 mg/L). These results indicate that sulfate reducing conditions continue to be maintained within the treatment zone.

5.3.5 Methane/Ethane/Ethene

During methanogenesis, acetate is split to form carbon dioxide and methane, or carbon dioxide is used as an electron acceptor and is reduced to methane. Elevated concentrations of methane indicate that fermentation is occurring in a highly anaerobic environment and that reducing conditions are appropriate for anaerobic dechlorination of CVOCs to occur. Elevated concentrations of ethene and ethane indicate that anaerobic dechlorination of CVOCs is already occurring. Methane concentrations greater than 1 mg/L are desirable, but not required, for anaerobic dechlorination to occur. Methane concentrations less than 1 mg/L and the accumulation of cDCE or VC may indicate that additional substrate is required to drive reducing conditions into an environment suitable for reduction of these compounds. If elevated concentrations of ethene or ethane are not detected, potential accumulation of cDCE or VC should be monitored.

February 2020 baseline methane concentrations in the treatment zone monitoring wells ranged from <0.010 to 0.25 mg/L, and none of the monitoring wells contained detectable concentrations of ethene or ethane. Post-injection August/ September 2020 methane concentrations ranged from 2.1 mg/L (at well MW-98-01A) to 29.0 mg/L (at well FRW-3) in the treatment zone. August/September 2020 methane concentrations were greater than 1 mg/L in the treatment zone monitoring wells. These findings indicate that fermentation is occurring in a highly anaerobic environment and that reducing conditions are appropriate for anaerobic dechlorination of CVOCs to occur. The August/September 2020 groundwater samples did not contain detectable concentrations of ethene or ethane, such that complete reductive dechlorination may not have as yet commenced.

5.3.6 Chlorinated Volatile Organic Compounds

VOC concentrations detected in groundwater samples are summarized in Table 3 and illustrated on Figure 8. Based on concentration and frequency of detection, the predominant constituents of interest detected within the FDSA groundwater treatment zone are PCE and its degradation products TCE and cDCE. The extent of detectable PCE concentrations based on the August/September 2020 groundwater sample results is illustrated on Figure 9. As shown on Figure 9, at 6 months post-injection, the PCE concentrations exceed the New York State Ambient Groundwater Standard of 5 µg/L at wells FRW-2 (13 µg/L), FRW-3 (15 µg/L), and MW-98-01A (7 µg/L). None of the August/September 2020 groundwater samples contained TCE concentrations above the New York State Ambient Groundwater Standard of 5 µg/L.

August/September 2020 groundwater samples from the following monitoring wells contained cDCE above the New York State Ambient Groundwater Standard of 5 µg/L: FRW-1, FRW-2, FRW-3, FRW-4 and MW-98-05AR. August/September 2020 groundwater samples from the following monitoring wells contained VC above the New York State Ambient Groundwater Standard of 2 µg/L: FRW-1, FRW-2, and MW-98-05AR.

5.3.6.1 Well FRW-1

Between February 2020 and August/September 2020, the PCE concentration declined from 320 µg/L to 0.3J¹ µg/L, the TCE concentration decreased slightly from 1.4 µg/L to 0.25J µg/L (after an increase to 42 µg/L during the May 2020 sampling event), the cDCE concentration increased from <0.2 µg/L to 560 µg/L, and the VC concentration increased from <0.2 µg/L to 8.5 µg/L in response to enhanced

¹ Qualified by project laboratory as an estimated value between the limit of detection and limit of quantification.

reductive dechlorination. Evaluation of molar fractions (molar concentrations of PCE, TCE, cDCE, VC, and ethene divided by the molar concentration of total ethenes) over time is a method used to determine if biodegradation has been stimulated.

As shown on Figure D-1, the 2018 and 2019 (pre-injection) detected molar fractions at well FRW-1 ranged from 78 to 99% PCE, 0 to 8% TCE, and 0 to 16% cDCE. Based on the August/September 2020 groundwater monitoring results, the detected molar fractions at well FRW-1 were as follows: 0% PCE, 0% TCE, 98% cDCE, and 2% VC. Without sequential dechlorination, the ratios of the targeted compounds would all remain relatively constant, even if all of the concentrations would decline (due to dilution, for example).

5.3.6.2 Well FRW-2

Between September 2019 and August/September 2020, the PCE concentration increased from 2.18 µg/L to 13 µg/L, the TCE concentration increased slightly from non-detect to a concentration of 1.5J µg/L, the cDCE concentration increased from non-detect to 200 µg/L, and the VC concentration increased from a non-detect to 5.1 µg/L. As shown on Figure D-2, the 2018 and 2019 (pre-injection) detected molar fractions at well FRW-2 ranged from 30 to 100% PCE, 0 to 6% TCE, and 0 to 64% cDCE. Based on the August/September 2020 groundwater monitoring results, the detected molar fractions at well FRW-2 were as follows: 4% PCE, 1% TCE, 92% cDCE, and 4% VC. As indicated above, in response to the February 2020 injection of electron donor the PCE molar fraction declined while the TCE, cDCE, and VC molar fractions increased (such that cDCE is the predominant CVOC at well FRW-2 as of August/September 2020).

5.3.6.3 Well FRW-3

Between September 2019 and September/August 2020, the PCE concentration increased from 6.57 µg/L to 15 µg/L, the TCE concentration increased slightly from non-detect to 0.81 µg/L, the cDCE concentration increased from 1.64 to 120 µg/L, and the VC concentration increased from non-detect to 1.4J µg/L. As shown on Figure D-3, the 2018 and 2019 (pre-injection) detected molar fractions at well FRW-3 ranged from 34 to 83% PCE, 3 to 7% TCE, and 14 to 59% cDCE. Based on the September/August 2020 groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 7% PCE, 0% TCE, 91% cDCE, and 2% VC. As indicated above, in response to the February 2020 injection of electron donor, the PCE molar fraction initially declined and then increased, the TCE molar fraction declined, and the cDCE and VC molar fractions increased such that cDCE is the predominant CVOC at well FRW-3 as of August/September 2020.

5.3.6.4 Well MW-98-05AR

Between February 2020 and August/September 2020, the PCE concentration decreased from 26J µg/L to 2.2 µg/L, the TCE concentration increased slightly from 1.2 µg/L to 1.5 µg/L, the cDCE concentration increased from 1.4 to 120 µg/L, and the VC concentration increased from non-detect to 4.1 µg/L. As shown on Figure D-3, the 2018 and 2019 (pre-injection) detected molar fractions at well FRW-3 ranged from 64 to 100% PCE, 0 to 5% TCE, and 0 to 31% cDCE. Based on the August/September 2020 groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 1% PCE, 1% TCE, 93% cDCE, and 5% VC. In response to the February 2020 injection of electron donor, the PCE and TCE molar fractions declined while the cDCE and VC molar fractions increased resulting in cDCE representing the predominant CVOC at well FRW-3 as of August/September 2020.

5.3.6.5 Well FRW-4

The August/September 2020 groundwater sample from well FRW-4 within the groundwater treatment area contained cDCE at a concentration of 7.5 µg/L, which slightly exceeds the New York State Ambient Groundwater Standard of 5 µg/L.

5.3.6.6 Well MW-98-01A

The August/September 2020 groundwater sample from well MW-98-01A within the groundwater treatment area contained PCE at a concentration of 7 µg/L, which exceeds the New York State Ambient Groundwater Standard of 5 µg/L.

5.3.6.7 Other Wells

The August/September 2020 groundwater sample from well MW-98-04 outside of the treatment area contained toluene at a concentration of 65 µg/L, which exceeds the New York State Ambient Groundwater Standard of 5 µg/L. Wells MW-28A/B, MW-44A/B/C, MW-45A/B, MW-58A/B, MW-59A/B, MW-98-04B, and MW-32/32B outside of the treatment area did not reveal any CVOC concentrations that exceeded New York State Ambient Groundwater Standards based on the August/September 2020 groundwater monitoring results.

5.3.7 Ketones

Post-injection August/September 2020 groundwater samples obtained from wells FRW-1 through FRW-4, MW-98-01A, MW-98-05AR, and MW-98-04 located inside of the groundwater treatment zone contained concentrations of acetone and 2-butanone above the New York State Ambient Groundwater Standard of 50 µg/L for each of these two VOCs, and ranged as high as 2,600 µg/L and 1,700 µg/L, respectively. Post-injection August/September 2020 groundwater samples obtained from wells FRW-2 and FRW-3 contained concentrations of 2-hexanone of 300 µg/L and 400 µg/L (respectively), which exceed the New York State Ambient Groundwater Standard of 50 µg/L.

When an impacted aquifer is amended with electron donor, a small portion of the organic matter in that system may be converted to these ketones. These ketone detections may be a consequence of highly effective dechlorination reactions and possibly associated with enhanced activities of *Clostridium* sp. or other ketone-producing fermenters that also dechlorinate ethenes (Suthersan and Payne, 2005). Experience shows that even relatively high concentrations of acetone and other ketone intermediates are quickly attenuated and prove not to represent a concern outside of groundwater treatment areas. The results of future groundwater monitoring events will be evaluated in terms of ketone generation, to determine if any corrective measures would be appropriate.

6. CONCLUSIONS

This Report has been prepared to present August/September 2020 performance monitoring results of the February 2020 electron donor injection that was designed to treat PCE and its anaerobic degradation products in groundwater at the FDSA. The results of the initial post-injection groundwater monitoring event can be summarized as follows:

1. Post-injection August/September 2020 DO and ORP values in the treatment zone remained substantially lower than the February 2020 baseline values, which is consistent with anaerobic conditions induced by the February 2020 injection of electron donor.
2. The injected ABC® carbon substrate contains a phosphate pH buffer, and hydroxyl ions produced from corrosion of ZVI may also have facilitated increased detected pH values within the treatment

zone between February and August/September 2020, to levels more favorable for *Dhc* development.

3. In response to the February 2020 injection of carbon substrate, average TOC concentrations within the treatment zone remained over two-orders-of-magnitude higher in August/September 2020 than in February 2020, which is indicative of effective subsurface distribution and sustained persistence of electron donor.
4. Nitrate reducing conditions were rapidly created and have been sustained after injection of carbon substrate, as nitrate concentrations remained non-detect in August/September 2020 groundwater samples from all wells within the treatment zone.
5. Ferrous iron concentrations increased from less than 0.47 mg/L pre-injection to a range from 297 mg/L to 1,950 mg/L in August/September 2020. These elevated concentrations of ferrous iron in response to the delivered carbon substrate and ZVI indicate that the groundwater environment within the treatment zone is sufficiently reducing to sustain iron reduction and for anaerobic dechlorination.
6. February 2020 sulfate concentrations detected in the treatment zone monitoring wells ranged from 6.84 mg/L to 12.1 mg/L. In response to the February 2020 electron donor injection event, the August/September 2020 groundwater samples revealed even lower sulfate concentrations (a range between <1 to 1.64 mg/L). These results indicate that sulfate reducing conditions have been enhanced and sustained within the treatment zone.
7. February 2020 baseline methane concentrations in the treatment zone were less than 0.25 mg/L. Post-injection August/September 2020 methane concentrations ranged from 2.1 mg/L to 29 mg/L. These findings indicate that fermentation continues to occur in a highly anaerobic environment and that reducing conditions are appropriate for anaerobic dechlorination of CVOCs to occur.
8. Between February and August/September 2020, cDCE concentrations (relative to parent compound PCE) increased substantially in groundwater samples from wells FRW-1, FRW-2, FRW-3, and MW-98-05AR within the treatment zone. Without sequential dechlorination, the ratios of the targeted compounds would all remain relatively constant, even if all of the concentrations would decline (due to dilution, for example).
9. The August/September 2020 groundwater samples from wells FRW-1, FRW-2, FRW-3 and MW-98-05AR contained VC, which was likely facilitated by the bioaugmentation with *Dhc* microbial culture that was conducted as part of the February 2020 remedial action injection event (as *Dhc* are the only known microbes capable of dechlorination of chlorinated ethenes beyond cDCE).

7. REFERENCES CITED

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TABLES

Table 1
Groundwater Elevation Measurements
Former Rowe Industries Superfund Site
Sag Harbor, New York

Well ID	PVC Well Casing Elevation ¹	Measurement Date	Depth to Water ²	GW Elevation
FRW-1	31.00	2/19/2020-2/20/2020	22.00	9.00
		2/24/2020	21.31	9.69
		5/19/2020	21.44	9.56
		9/4/2020	23.21	7.79
FRW-2	25.55	2/19/2020-2/20/2020	NM	NM
		2/24/2020	19.85	5.70
		5/19/2020	NR	NR
		9/4/2020	21.78	3.77
FRW-3	29.36	2/19/2020-2/20/2020	NM	NM
		2/24/2020	19.70	9.66
		5/19/2020	19.55	9.81
		9/4/2020	21.60	7.76
FRW-4	28.73	2/19/2020-2/20/2020	NM	NM
		2/24/2020	19.05	9.68
		5/19/2020	18.89	9.84
		9/4/2020	20.98	7.75
MW-28A	25.90	5/19/2020	16.67	9.23
		9/4/2020	18.70	7.20
MW-28B	25.99	5/19/2020	16.58	9.41
		9/4/2020	18.61	7.38
MW-44A	29.44	9/4/2020	23.03	6.41
MW-44B	29.54	9/4/2020	22.86	6.68
MW-44C	29.76	9/4/2020	22.87	6.89
MW-45A	27.44	2/19/2020-2/20/2020	18.20	9.24
		2/24/2020	18.28	9.16
		5/19/2020	18.11	9.33
		9/4/2020	20.19	7.25
MW-45B	27.63	5/19/2020	17.98	9.65
		9/4/2020	20.06	7.57
MW-58A	31.48	5/19/2020	21.74	9.74
		9/4/2020	23.80	7.68
MW-58B	31.46	5/19/2020	21.70	9.76
		9/4/2020	23.77	7.69
MW-59A	33.88	9/4/2020	27.12	6.76
MW-59B	33.84	9/4/2020	27.08	6.76
MW-98-01A	30.47	2/19/2020-2/20/2020	20.70	9.77
		2/24/2020	NM	NM
		5/19/2020	20.78	9.69
		9/4/2020	22.70	7.77
MW-98-04	28.00	2/19/2020-2/20/2020	18.30	9.70
		2/24/2020	18.41	9.59
		5/19/2020	18.26	9.74
		9/4/2020	20.32	7.68
MW98-04B	27.94	5/19/2020	18.17	9.77
		9/4/2020	20.24	7.70
MW-98-05AR	29.26	2/19/2020-2/20/2020	20.00	9.26
		2/24/2020	NM	NM
		5/19/2020	20.66	8.60
		9/4/2020	22.24	7.02
MW98-05BR	29.76	5/19/2020	19.54	10.22
		9/4/2020	21.63	8.13
N-32	32.21	9/4/2020	25.69	6.52
N-32B	32.26	9/4/2020	25.70	6.56

Abbreviations:

GW -- Groundwater

NM -- Not measured

NR - Not reported as the groundwater level measurement is considered unreliable.

Notes:

1. Elevation is reported as feet above mean sea level using North American Vertical Datum of 1988 (NAVD88)

2. Depth is reported as feet below PVC Well Casing Elevation

Table 2
Groundwater Field Parameter Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Parameter		pH	Dissolved oxygen	Oxidation Reduction Potential	Specific Conductivity	Temperature
Units		S.U.	mg/L	mV	uS/cm	°C
Monitoring Well ID	Sample Date					
FRW-1	2/19/2020	5.20	4.95	+215	85	11.23
	5/20/2020	5.93	0.00	-81	468	14.65
	8/31/2020	6.64	0.00	-98	1,650	15.85
FRW-2	5/20/2020	6.21	0.00	-135	1,660	12.46
	8/31/2020	6.04	0.00	-83	2,330	18.91
FRW-3	5/20/2020	6.44	0.00	-132	1,360	13.08
	8/31/2020	6.11	0.00	-97	3,420	15.93
FRW-4	5/20/2020	6.39	0.00	-112	456	13.98
	8/31/2020	6.61	0.00	-161	637	18.12
MW-28A	8/30/2020	6.36	0.00	-120	203	16.54
MW-28B	8/30/2020	6.17	0.00	-33	118	16.65
MW-44A	9/2/2020	6.02	2.48	+203	194	16.86
MW-44B	9/2/2020	5.93	8.15	+299	208	14.51
MW-44C	9/2/2020	6.50	0.00	+77	122	15.55
MW-45A	2/20/2020	6.00	0.11	+124	149	9.85
	5/19/2020	6.00	0.00	+128	179	12.83
	9/1/2020	6.22	0.00	+107	155	14.00
MW-45B	9/1/2020	6.45	0.00	+14	168	15.78
MW-58A	8/30/2020	5.17	2.60	+310	135	13.93
MW-58B	8/30/2020	5.20	4.03	+324	162	13.81
MW-59A	9/3/2020	6.25	3.69	+207	326	24.44
MW-59B	9/3/2020	5.26	0.00	+295	175	16.66
MW-98-01A	2/19/2020	5.70	1.20	+81	141	10.90
	5/20/2020	6.64	0.00	-127	247	15.97
	9/1/2020	6.58	0.00	-36	679	16.19
MW-98-04	2/19/2020	5.67	0.48	+130	157	10.44
	5/19/2020	6.28	0.00	+25	206	12.95
	8/30/2020	5.60	0.38	+100	240	16.81
MW-98-04B	8/30/2020	6.04	0.00	+120	148	15.73
MW-98-05AR	2/19/2020	6.14	0.88	+82	151	11.38
	5/19/2020	5.83	0.00	-11	407	12.76
	9/1/2020	6.04	0.00	-8	676	14.60
N-32	9/2/2020	6.53	0.00	+11	277	18.08
N-32B	9/2/2020	6.11	3.52	+147	125	17.03

Notes:

S.U. = Standard Units

mg/L = milligrams per Liter

mV = millivolts

uS/cm = microsiemens per centimeter

°C = Celsius

TABLE 3
Summary of Groundwater Sampling Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location			FRW-1	FRW-1	FRW-1	FRW-1	FRW-2	FRW-2	FRW-3	FRW-3	FRW-3
Field Sample ID			FRW-1-20200220	DUP-20200220	FRW-1-200520	FRW1-200831	FRW-2-200520	FRW2-200831	FRW-3-200520	FRW3-200831	DUP01-200831
Lab Sample ID(s)	NY State Ambient Groundwater Standards		20B0768-02; 20B0768-02RE1	20B0768-03; 20B0768-03RE1	20E0617-09; 20E0617-09RE1	20I0209-02; 20I0209-02RE1	20E0617-07; 20E0617-07RE1	20H1216-10; 20H1216-10RE1	20E0617-08; 20E0617-08RE1	20H1216-07; 20H1216-07RE1	20H1216-08; 20H1216-08RE1
Sample Method			Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date			2/20/2020	2/20/2020	5/20/2020	8/31/2020	5/20/2020	8/31/2020	5/20/2020	8/31/2020	8/31/2020
Comments				Field Duplicate							Field Duplicate
WQ											
	Organic Carbon (total)		2170 (1000)	2340 (1000)	687000 (10000)	1110000 (100000)	1930000 (100000)	1850000 (100000)	868000 (100000)	2380000 (100000)	2530000 (100000)
	Nitrate	10000	166 (50)	179 (50)	U (50)	HU (50)	U (50)	U (50)	U (50)	U (50)	U (50)
	Nitrite	1000	U (50)	U (50)	U (50)	HU (50)	U (50)	U (50)	U (50)	U (50)	U (50)
	Sulfate	250000	12100 (1000)	11800 (1000)	U (1000)	U (1000)	2300 (1000)	U (1000)	4500 (1000)	1640 (1000)	1520 (1000)
VOC											
	Acetone	50	U (1)	U (1)	46 (1)	230 (20)	1200 (20)	2600 (50)	97 (5)	390 J (25)	460 (5)
	Benzene	1	U (0.2)	U (0.2)	U (0.2)	0.21 J (0.2)	U (1)	1 J (1)	U (1)	0.55 (0.2)	U (1)
	2-Butanone	50	U (0.2)	U (0.2)	49 (0.2)	580 (4)	680 J (1)	1700 J (10)	570 J (1)	1500 J (5)	2100 J (5)
	Carbon Disulfide	60	U (0.2)	U (0.2)	0.46 J (0.2)	0.21 J (0.2)	U (1)	U (1)	U (1)	0.38 J (0.2)	U (1)
	Chloroethane	5	U (0.2)	U (0.2)	U (0.2)	0.24 J (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	Chloroform	7	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	1,1-Dichloroethane	5	U (0.2)	U (0.2)	U (0.2)	0.69 (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	1,1-Dichloroethene	5	U (0.2)	U (0.2)	U (0.2)	0.24 J (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	cis-1,2-Dichloroethene	5	U (0.2)	U (0.2)	42 (0.2)	560 (4)	11 (1)	200 (1)	120 (1)	120 (0.2)	120 (1)
	trans-1,2-Dichloroethene	5	U (0.2)	U (0.2)	U (0.2)	1.6 J (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	2-Hexanone	50	U (0.2)	U (0.2)	3.5 (0.2)	39 (0.2)	150 (1)	300 (1)	82 (1)	300 J (5)	400 (1)
	4-Methyl-2-pentanone		U (0.2)	U (0.2)	U (0.2)	1.3 (0.2)	2.3 J (1)	U (1)	U (1)	2.7 (0.2)	U (1)
	Tetrachloroethene	5	320 (2)	320 (2)	79 (0.2)	0.3 J (0.2)	6.2 (1)	13 (1)	6 (1)	15 (0.2)	13 (1)
	Toluene	5	U (0.2)	U (0.2)	U (0.2)	0.61 (0.2)	1.6 J (1)	2.1 J (1)	U (1)	0.46 J (0.2)	U (1)
	1,1,1-Trichloroethane	5	0.57 (0.2)	0.68 (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (1)	U (0.2)	U (1)
	Trichloroethene	5	1.4 (0.2)	1.4 (0.2)	7.5 (0.2)	0.25 J (0.2)	U (1)	1.5 J (1)	U (1)	0.81 (0.2)	U (1)
	1,2,4-Trimethylbenzene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	1.5 J (1)	U (1)	U (0.2)	U (1)
	Vinyl Chloride	2	U (0.2)	U (0.2)	U (0.2)	8.5 (0.2)	U (1)	5.1 (1)	3.4 J (1)	1.4 (0.2)	1.4 J (1)
PDIST											
	Ethane		U (10)	U (10)	U (10)	U (100)	U (50)	U (200)	U (100)	U (200)	U (200)
	Ethene		U (10)	U (10)	U (10)	U (100)	U (50)	U (200)	U (100)	U (200)	U (200)
	Methane		U (10)	U (10)	1100 (10)	8800 (100)	3200 (50)	18000 (200)	4800 (100)	29000 (200)	33000 (200)
INORG (dissolved)											
	Iron		U (10)	U (10)	248000 (1000)	1120000 (13900)	792000 (1000)	1550000 (13900)	621000 (1000)	1950000 (13900)	1980000 (13900)

Notes:
1 All concentrations are presented in ug/L.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NY State Ambient Groundwater Standards are **boldfaced**.
Abbreviations:
WQ -- Water Quality.
VOC -- Volatile Organic Compounds.
PDIST -- Petroleum Distillates.
INORG -- Inorganics.
U -- Not Detected.
J -- Estimated Concentration.
H -- Analyzed out of holding time.
() -- Detection Limit.
--- -- Not Analyzed.

TABLE 3
Summary of Groundwater Sampling Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location		FRW-4	FRW-4	MW-28A	MW-28B	MW-44A	MW-44B	MW-44C	MW-45A	MW-45A	MW-45A	MW-45B
Field Sample ID		FRW-4-200520	FRW4-200831	MW28A-200830	MW28B-200830	MW44A-200902	MW44B-200902	MW44C-200902	MW-45A-20200220	MW-45A-200519	MW45A-200901	MW45B-200901
Lab Sample ID(s)		20E0644-01; 20E0644-01RE1	20I0209-01; 20I0209-01RE1	20H1216-04	20H1216-05	20I0209-09	20I0209-07	20I0209-08	20B0768-01	20E0617-01	20I0209-05	20I0209-06
Sample Method		Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date		5/20/2020	8/31/2020	8/30/2020	8/30/2020	9/2/2020	9/2/2020	9/2/2020	2/20/2020	5/19/2020	9/1/2020	9/1/2020
Comments												
WQ												
	Organic Carbon (total)	268000 (10000)	352000 (10000)	---	---	---	---	---	---	---	---	---
	Nitrate	U (50)	HU (50)	---	---	---	---	---	---	---	---	---
	Nitrite	U (50)	HU (50)	---	---	---	---	---	---	---	---	---
	Sulfate	4890 (1000)	U (1000)	---	---	---	---	---	---	---	---	---
VOC												
	Acetone	14 (1)	220 (10)	3.7 (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	2.2 (1)
	Benzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Butanone	31 (0.2)	180 (2)	28 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	10 (0.2)
	Carbon Disulfide	0.69 (0.2)	0.22 J (0.2)	U (0.2)	0.35 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.47 J (0.2)
	Chloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Chloroform	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.52 (0.2)	1.2 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1-Dichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	cis-1,2-Dichloroethene	0.51 (0.2)	7.5 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	trans-1,2-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Hexanone	U (0.2)	28 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	4-Methyl-2-pentanone	U (0.2)	2.3 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Tetrachloroethene	1.7 (0.2)	0.33 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Toluene	U (0.2)	0.2 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1,1-Trichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Trichloroethene	0.27 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,2,4-Trimethylbenzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Vinyl Chloride	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
PDIST												
	Ethane	U (10)	U (100)	---	---	---	---	---	---	---	---	---
	Ethene	U (10)	U (100)	---	---	---	---	---	---	---	---	---
	Methane	U (10)	14000 (100)	---	---	---	---	---	---	---	---	---
INORG (dissolved)												
	Iron	223000 (1000)	443000 (13900)	---	---	---	---	---	---	---	---	---

Notes:
1 All concentrations are presented in ug/L.
2 Only compounds with at least one detection are shown.
3 Concentrations that exceed the NY State Ambient Groundwater Standards are **boldfaced**.
Abbreviations:
WQ -- Water Quality.
VOC -- Volatile Organic Compounds.
PDIST -- Petroleum Distillates.
INORG -- Inorganics.
U -- Not Detected.
J -- Estimated Concentration.
H -- Analyzed out of holding time.
() -- Detection Limit.
--- -- Not Analyzed.

TABLE 3
Summary of Groundwater Sampling Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location		MW-58A	MW-58B	MW-59A	MW-59B	MW-98-01A	MW-98-01A	MW-98-01A
Field Sample ID		MW58A-200830	MW58B-200830	MW59A-200903	MW59B-200903	MW-98-01A-20200220	MW-98-01A-200520	MW98-01A-200901
Lab Sample ID(s)		20H1216-01	20H1216-06	20I0209-14	20I0209-12	20B0768-05	20E0644-02; 20E0644-02RE1	20I0209-03; 20I0209-03RE1
Sample Method		Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump
Sample Date		8/30/2020	8/30/2020	9/3/2020	9/3/2020	2/20/2020	5/20/2020	9/1/2020
Comments								
WQ								
	Organic Carbon (total)	---	---	---	---	2160 (1000)	84300 (10000)	737000 (10000)
	Nitrate	---	---	---	---	1170 (50)	1360 (50)	HU (50)
	Nitrite	---	---	---	---	U (50)	U (50)	HU (50)
	Sulfate	---	---	---	---	8890 (1000)	6380 (1000)	U (1000)
VOC								
	Acetone	U (1)	U (1)	3.6 (1)	U (1)	U (1)	3.7 (1)	80 (1)
	Benzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Butanone	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	93 (0.2)	220 (1)
	Carbon Disulfide	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.3 J (0.2)	0.85 (0.2)
	Chloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Chloroform	U (0.2)	1.4 (0.2)	U (0.2)	0.94 (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1-Dichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	cis-1,2-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	1.9 (0.2)
	trans-1,2-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Hexanone	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	7.1 J (0.2)
	4-Methyl-2-pentanone	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Tetrachloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	4.1 (0.2)	2.2 (0.2)	7 (0.2)
	Toluene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1,1-Trichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Trichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.49 J (0.2)
	1,2,4-Trimethylbenzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Vinyl Chloride	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
PDIST								
	Ethane	---	---	---	---	U (10)	U (10)	U (10)
	Ethene	---	---	---	---	U (10)	U (10)	U (10)
	Methane	---	---	---	---	250 (10)	47 (10)	2100 (10)
INORG (dissolved)								
	Iron	---	---	---	---	232 (10)	61000 (200)	297000 (13900)

Notes:

- 1 All concentrations are presented in ug/L.
- 2 Only compounds with at least one detection are shown.
- 3 Concentrations that exceed the NY State Ambient Groundwater Standards are **boldfaced**.

Abbreviations:

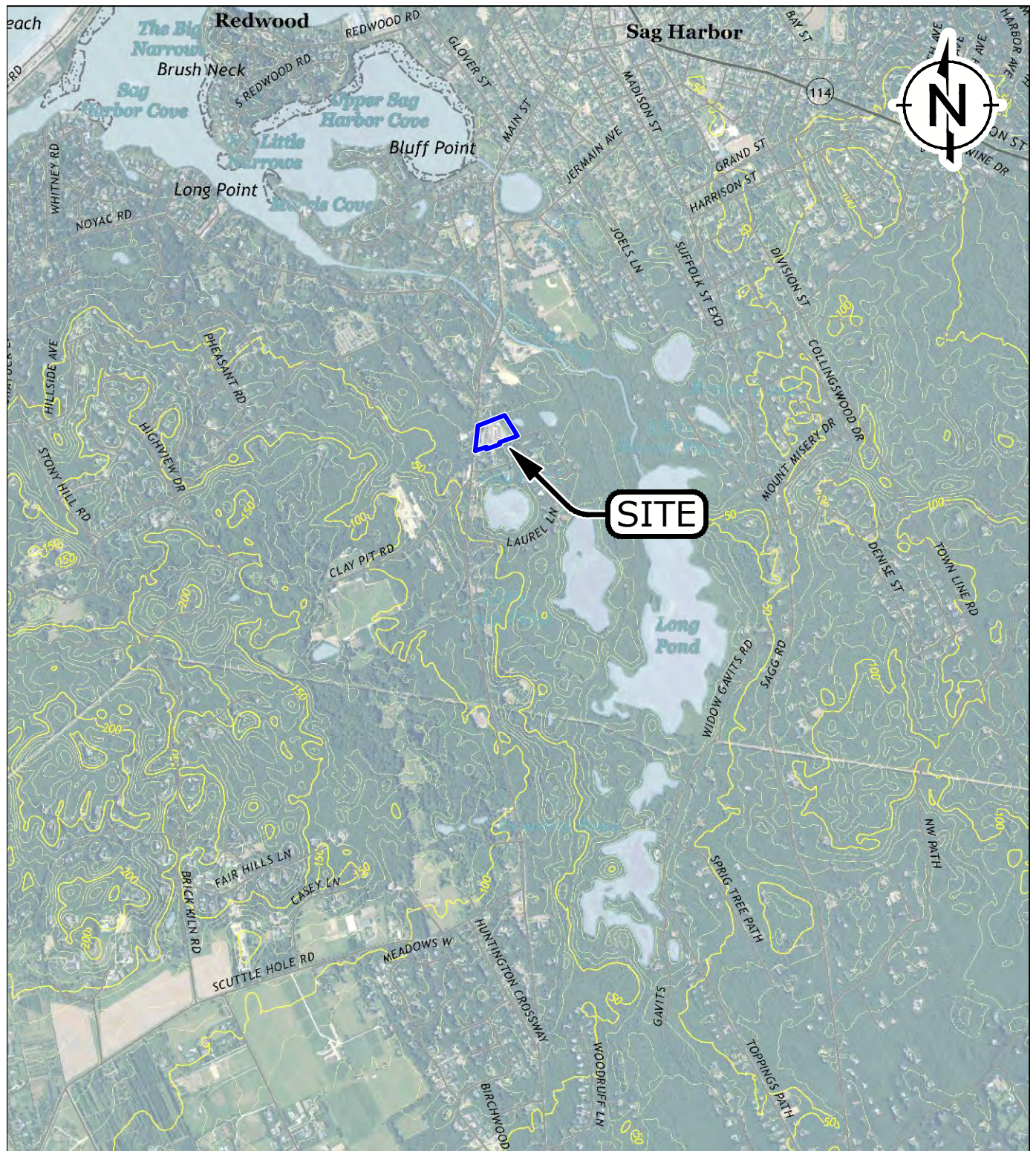
WQ -- Water Quality.
VOC -- Volatile Organic Compounds.
PDIST -- Petroleum Distillates.
INORG -- Inorganics.
U -- Not Detected.
J -- Estimated Concentration.
H -- Analyzed out of holding time.
() -- Detection Limit.
--- -- Not Analyzed.

TABLE 3
Summary of Groundwater Sampling Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

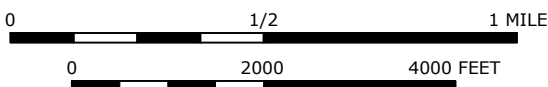
Location		MW-98-04	MW-98-04	MW-98-04	MW-98-04B	MW-98-05AR	MW-98-05AR	MW-98-05AR	MW-98-05AR	N-32	N-32B
Field Sample ID		MW-98-04-20200219	MW-98-04-200519	MW98-04-200830	MW98-04B-200830	MW-98-05AR-20200219	MW-98-05AR-200519	DUP01-200519	MW98-05AR-200901	N32-200902	N32B-200902
Lab Sample ID(s)		20B0740-02	20E0617-02	20H1216-02	20H1216-03	20B0740-01	20E0617-03; 20E0617-03RE1	20E0617-05; 20E0617-05RE1	20I0209-04; 20I0209-04RE1	20I0209-10	20I0209-11
Sample Method		Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date		2/19/2020	5/19/2020	8/30/2020	8/30/2020	2/19/2020	5/19/2020	5/19/2020	9/1/2020	9/2/2020	9/2/2020
Comments								Field Duplicate			
WQ											
	Organic Carbon (total)	---	---	---	---	2660 (1000)	220000 (10000)	492000 (10000)	856000 (10000)	---	---
	Nitrate	---	---	---	---	649 (50)	HU (50)	HU (50)	HU (50)	---	---
	Nitrite	---	---	---	---	U (50)	HU (50)	HU (50)	HU (50)	---	---
	Sulfate	---	---	---	---	6840 (1000)	U (1000)	U (1000)	U (1000)	---	---
VOC											
	Acetone	U (1)	3.6 (1)	27 (1)	U (1)	U (1)	26 (1)	30 (1)	120 (1)	U (1)	U (1)
	Benzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.21 J (0.2)	0.22 J (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Butanone	U (0.2)	4 J (0.2)	25 (0.2)	U (0.2)	U (0.2)	86 J (0.2)	72 (0.2)	270 (2)	U (0.2)	U (0.2)
	Carbon Disulfide	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.55 (0.2)	0.47 J (0.2)	U (0.2)	U (0.2)	U (0.2)
	Chloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Chloroform	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.33 J (0.2)	U (0.2)
	1,1-Dichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	2.3 (0.2)	2.3 (0.2)	0.37 J (0.2)	U (0.2)	U (0.2)
	1,1-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	cis-1,2-Dichloroethene	U (0.2)	4 (0.2)	0.28 J (0.2)	U (0.2)	1.4 (0.2)	110 (0.2)	100 (0.2)	120 (0.2)	U (0.2)	U (0.2)
	trans-1,2-Dichloroethene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	2-Hexanone	U (0.2)	0.23 J (0.2)	1.6 (0.2)	U (0.2)	U (0.2)	3.7 (0.2)	4.8 (0.2)	8.2 (0.2)	U (0.2)	U (0.2)
	4-Methyl-2-pentanone	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	1.3 (0.2)	U (0.2)	U (0.2)
	Tetrachloroethene	U (0.2)	4.9 (0.2)	2.4 (0.2)	U (0.2)	26 J (0.2)	4.5 (0.2)	4.4 (0.2)	2.2 (0.2)	U (0.2)	U (0.2)
	Toluene	U (0.2)	U (0.2)	65 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	1,1,1-Trichloroethane	U (0.2)	U (0.2)	U (0.2)	U (0.2)	3.5 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Trichloroethene	U (0.2)	0.24 J (0.2)	U (0.2)	U (0.2)	1.2 (0.2)	2.3 (0.2)	2.7 (0.2)	1.5 (0.2)	U (0.2)	U (0.2)
	1,2,4-Trimethylbenzene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
	Vinyl Chloride	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	4.2 J (0.2)	U (0.2)	4.1 (0.2)	U (0.2)	U (0.2)
PDIST											
	Ethane	---	---	---	---	U (10)	U (10)	U (10)	U (100)	---	---
	Ethene	---	---	---	---	U (10)	U (10)	U (10)	U (100)	---	---
	Methane	---	---	---	---	250 (10)	750 (10)	740 (10)	20000 (100)	---	---
INORG (dissolved)											
	Iron	---	---	---	---	465 (10)	122000 (200)	113000 (200)	438000 (13900)	---	---

Notes:
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Abbreviations:
WQ -- Water Quality.
VOC -- Volatile Organic Compounds.
PDIST -- Petroleum Distillates.
INORG -- Inorganics.
U -- Not Detected.
J -- Estimated Concentration.
H -- Analyzed out of holding time.
() -- Detection Limit.
--- -- Not Analyzed.

FIGURES



CONTOUR INTERVAL 10 FEET



LEGEND:

— PROPERTY BOUNDARY
(APPROXIMATE)

SOURCE:
2019 USGS 7.5 Minute Series Sag Harbor, New York Topographic Quadrangle.
Site Location; N: 40.9831° W: 72.3008° WGS84



QUADRANGLE LOCATION



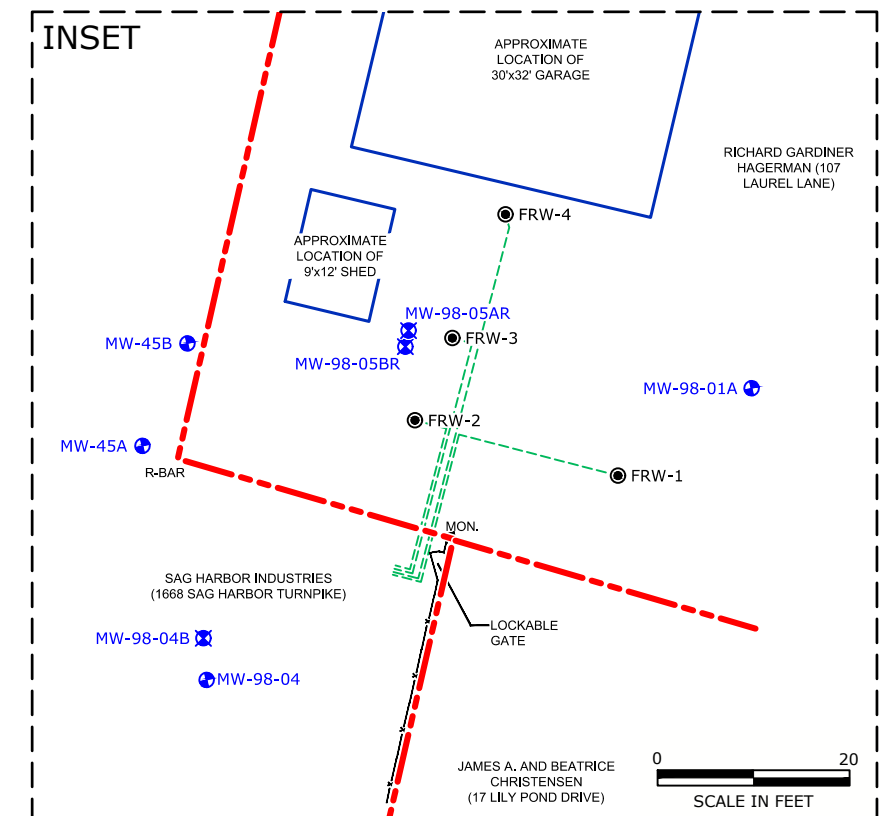
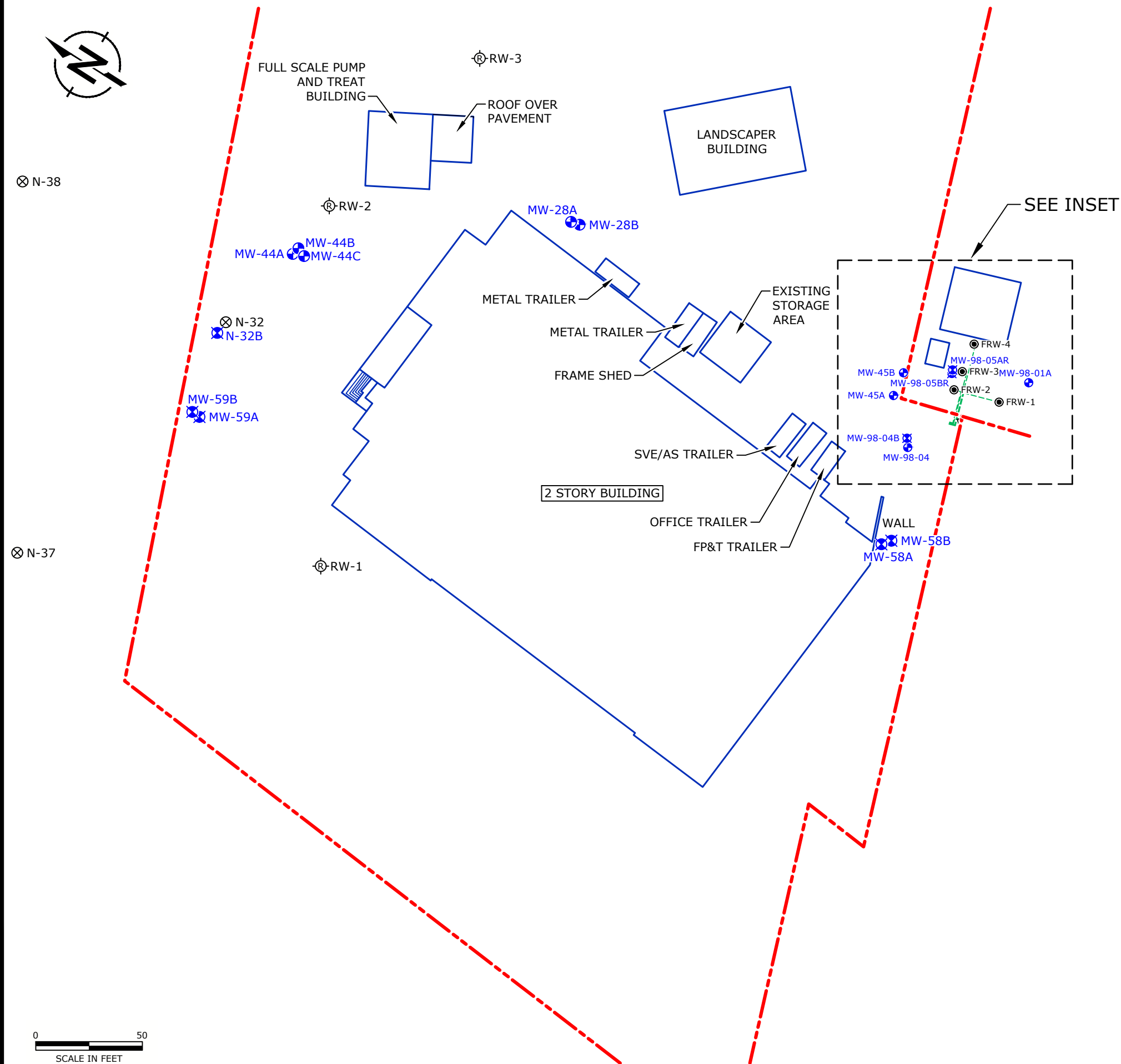
SITE LOCATION MAP
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FIGURE
1

DRAFTED BY: HJW

DATE: 10/2/2020

1690016505



LEGEND	
	PROPERTY BOUNDARY (APPROXIMATE)
	GROUNDWATER MONITOR WELL
	SCDHS WELL
	FOCUSED REMEDIATION RECOVERY WELL
	FULL SCALE PUMP AND TREAT RECOVERY WELL
	DECEMBER 2015 MONITOR WELL LOCATION
	APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING

SITE LAYOUT

FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

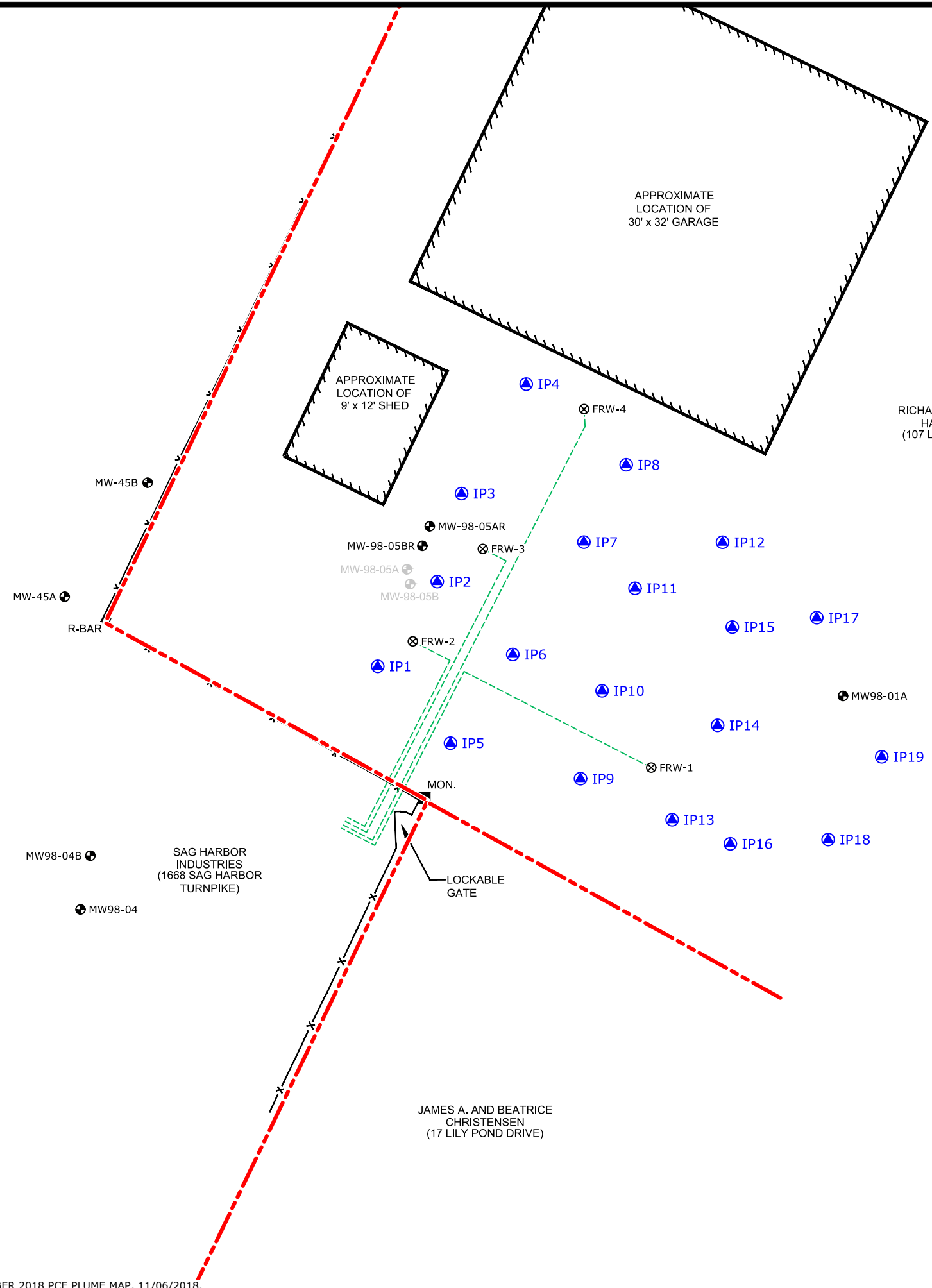
FIGURE
2

DRAFTED BY: HJW

DATE: 10/2/2020

1690016505

L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-10_Monitoring Report\03_February 2020 Electron Donor Injection Locations.dwg



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- GROUNDWATER MONITOR WELL
- DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- FEBRUARY 2020 INJECTION LOCATION

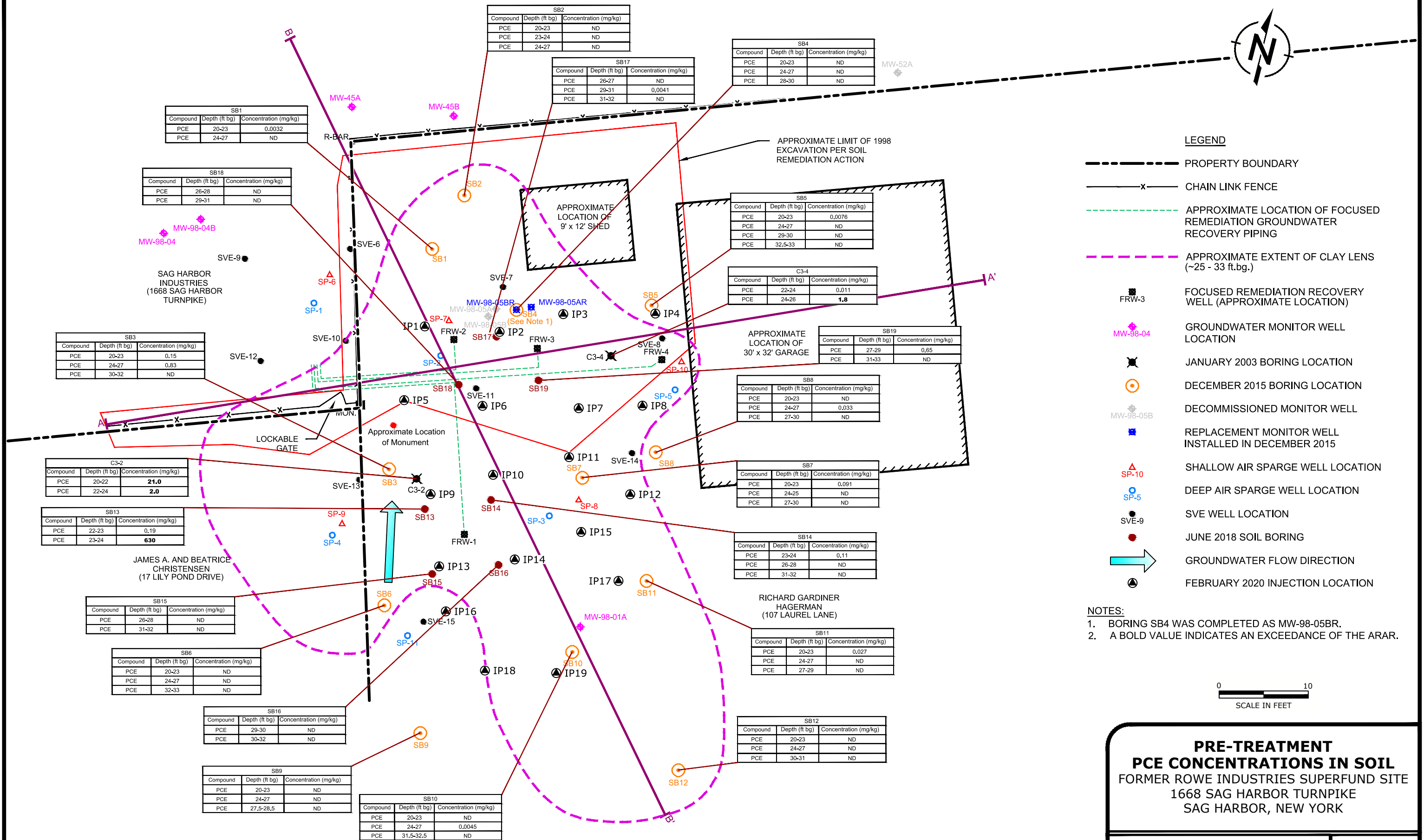
NOTE:
1. 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.



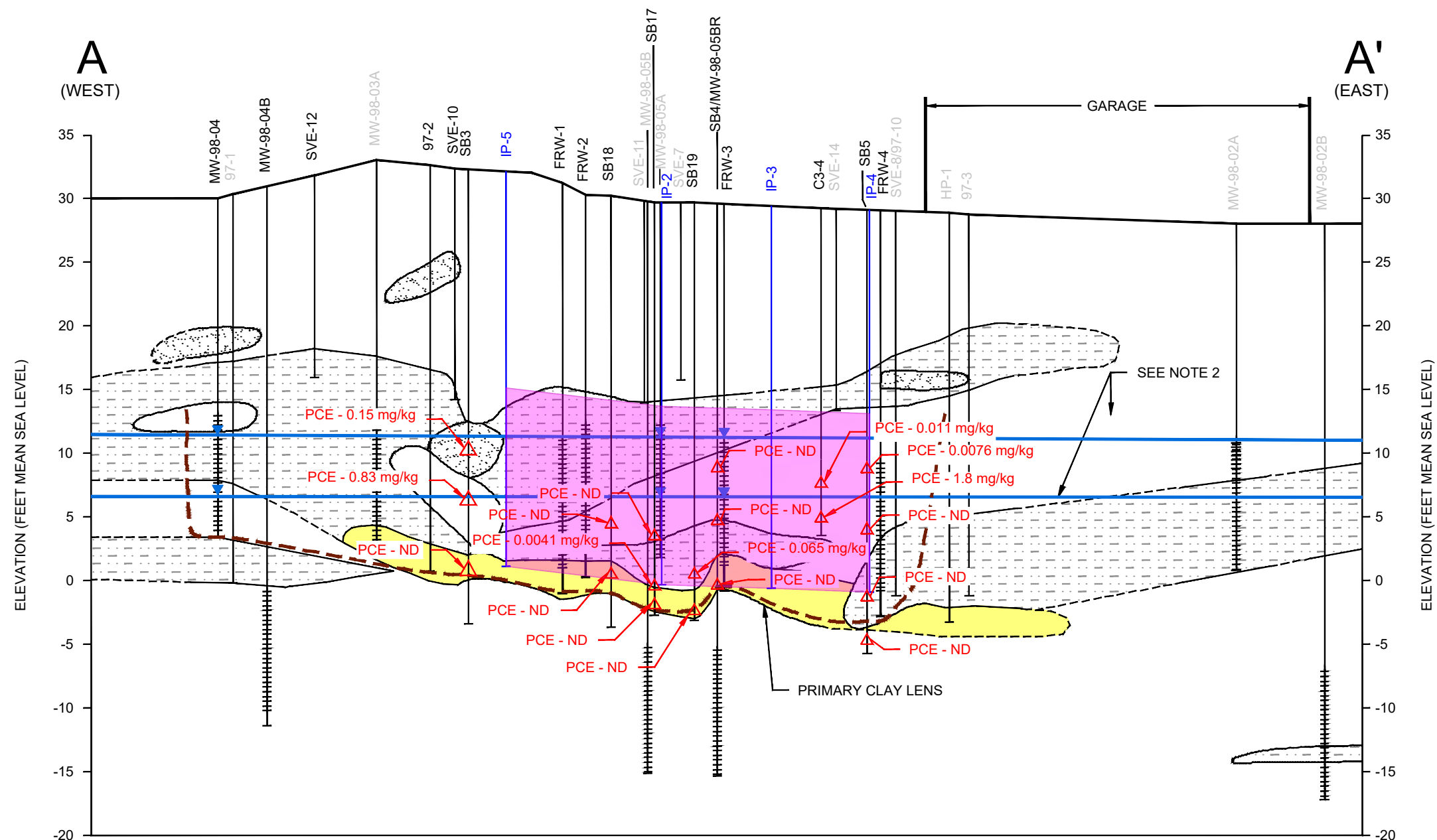
FEBRUARY 2020 ELECTRON DONOR INJECTION LOCATIONS
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK



FIGURE
3



L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-04\06_Cross-Section A-A'.dwg



SOURCE: WSP USA, FDSA CROSS-SECTION A-A', 02/21/2019.



GEOLOGIC CROSS-SECTION A-A'
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

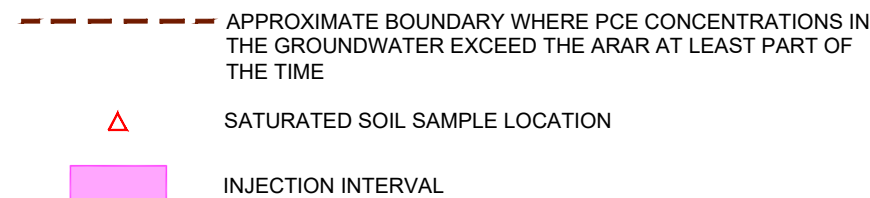
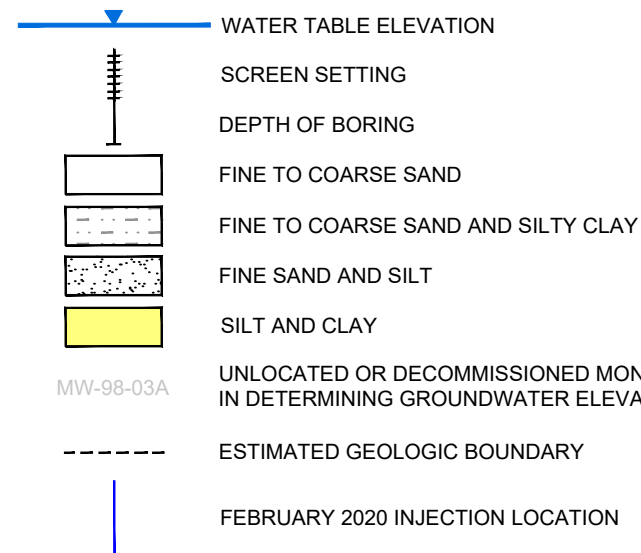


FIGURE 5

DRAFTED BY: HJW DATE: 4/10/2020 1690016505

L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-04\07_Cross-Section B-B'.dwg

LEGEND



NOTES:

1. HORIZONTAL CROSS SECTION LINES ARE DEPICTED ON FIGURE 5.
2. LOW AND HIGH GROUNDWATER ELEVATIONS SHOWN ARE FOR RECORDED WATER ELEVATION DATA FROM 2003 TO 2018 AND RANGE FROM APPROXIMATELY 6.1 FT TO 11 FT ABOVE MEAN SEA LEVEL.
3. BOLD VALUE INDICATES AN EXCEEDANCE OF THE ARAR.



GEOLOGIC CROSS-SECTION B-B'
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RAMBOLL

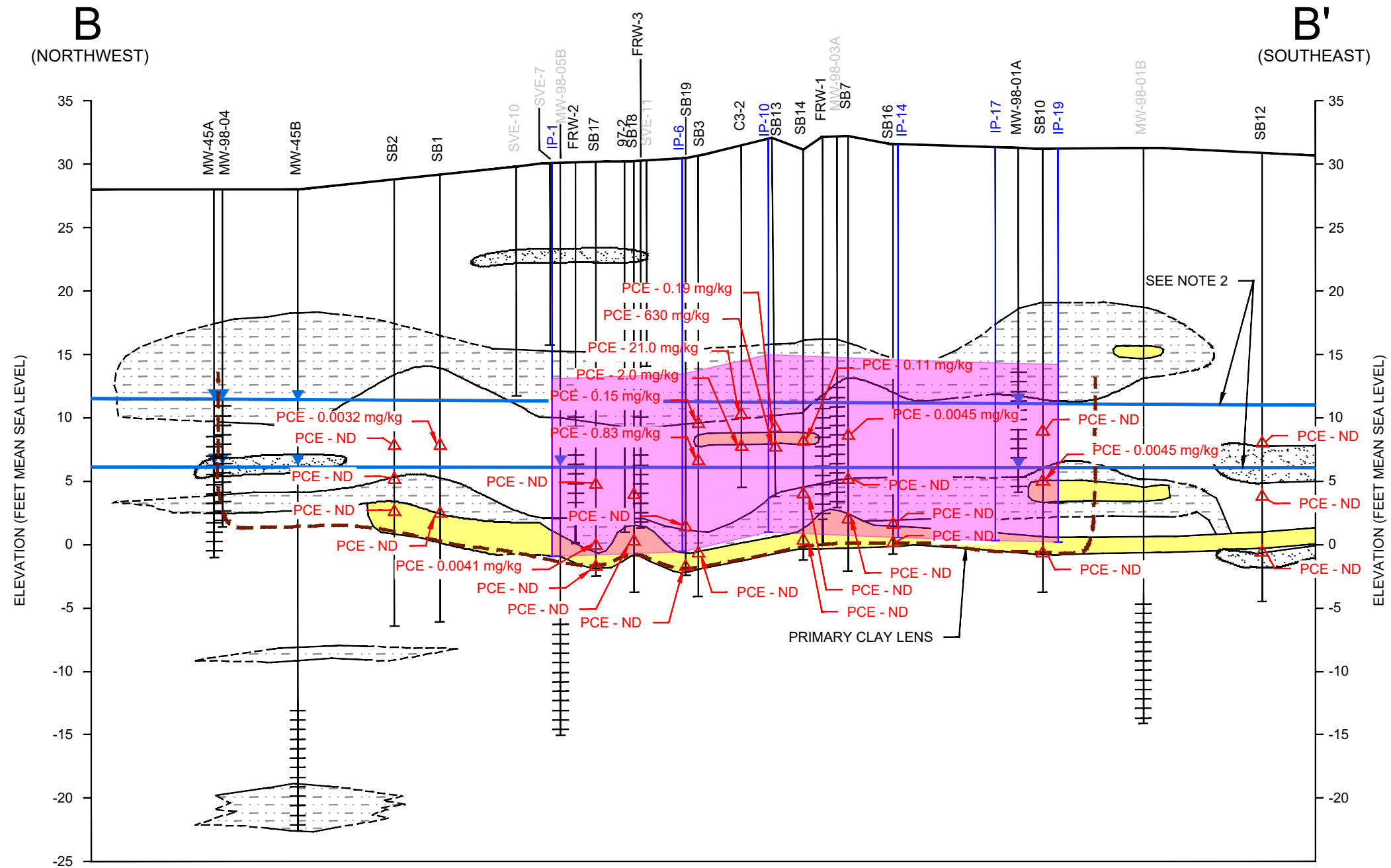
FIGURE
6

DRAFTED BY: HJW

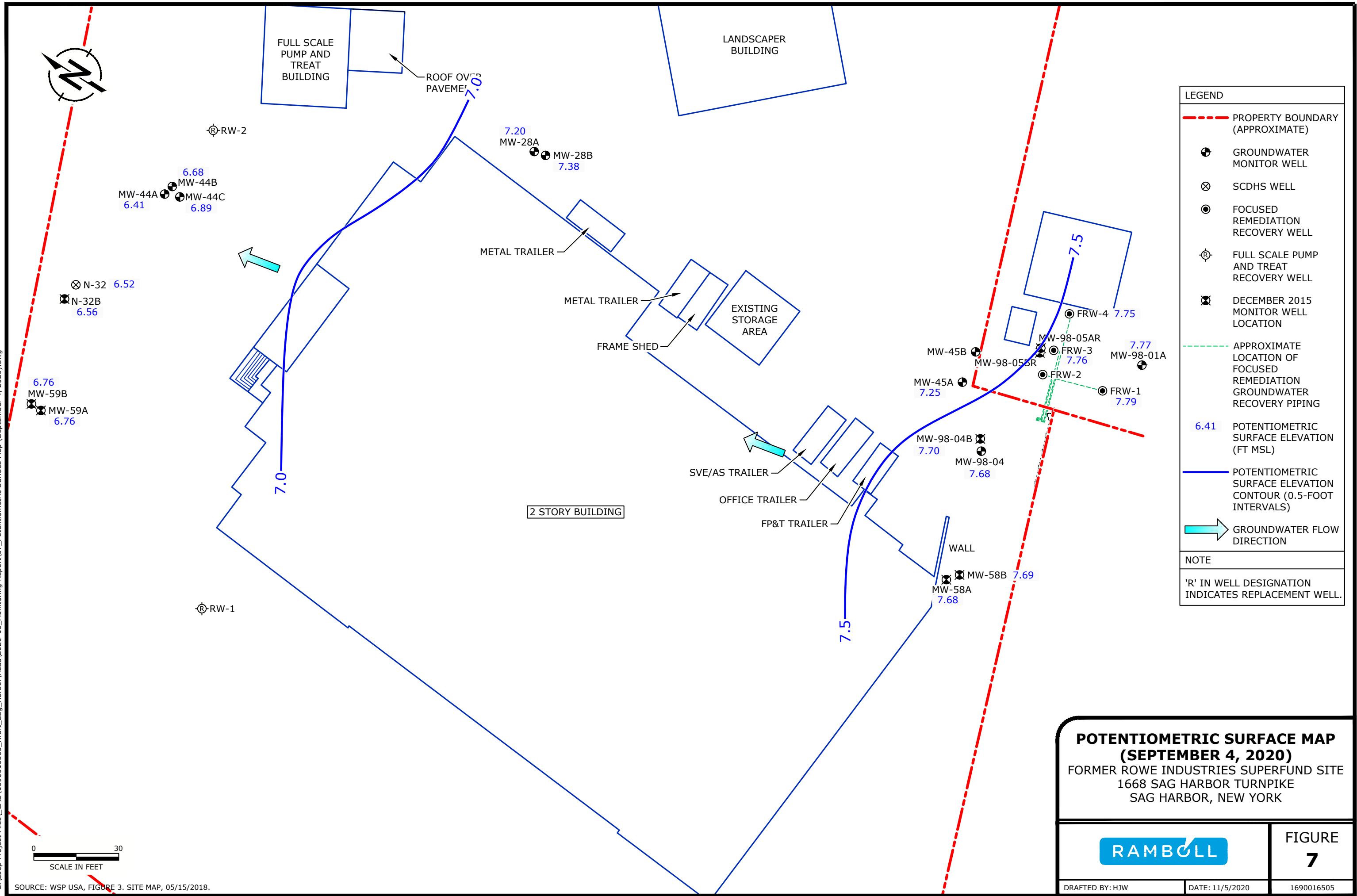
DATE: 4/10/2020

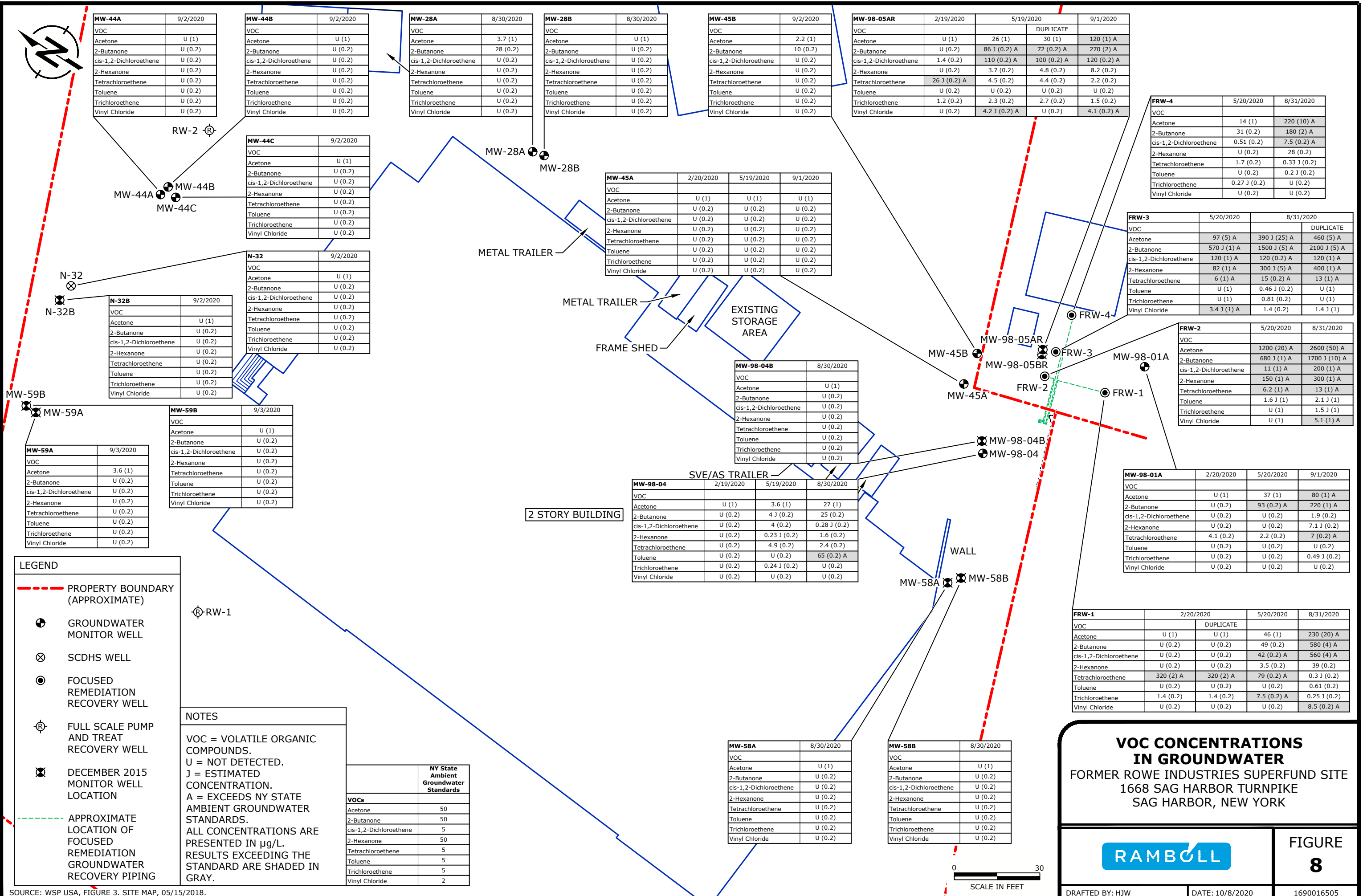
1690016505

SOURCE: WSP USA, FDSA CROSS-SECTION B-B', 12/19/2018.



L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-10_Monitoring Report\07_Potentiometric Surface Map (September 4, 2020).dwg





APPENDIX A

GROUNDWATER FIELD SAMPLING LOGS

Site:
Location:

Monitoring Well - FRW-3

Sampling Information

Date (MM/DD/YY) - 8/31/20
Personnel - M. Sweet
Weather - Overcast 60-70°F
Sampling Device - Geopump Peristaltic

Pump Controller - peristaltic
Refill - / sec
Discharge - / sec
Pressure - / psi

Well Information

Well Vault PID - 17.3 ppb
Well Casing PID - 17.3 ppb
Well Diameter - 4" inches

Measured Depth to Bottom - 29.02 ft BTOC
Screened Zone - / ft BGS
Depth to Pump Intake - 26' ft BGS
Pre-Pump (Static) Depth to Water - / ft BTOC
Post-Pump Depth to Water - / ft BTOC
DTP = 21.89
DTW = 21.85

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
0910	-	250								Purge
0915		250	7.15	3.06	132	14.67	-250	0.00	21.85	
0920		250	7.12	3.07	122	14.78	-250	0.00	21.85	
0925		250	7.04	3.09	106	14.77	-246	0.00	21.85	
0930		125	6.08	3.61	119	16.00	-86	0.00	24.1	
0935		125	5.99	3.56	105	16.12	-72	0.00	24.05	
0940		100	5.97	3.61	135	15.98	-78	0.00	24.0	
0945		100	5.98	3.57	126	15.96	-78	0.00	24.22	
0950		100	6.00	3.54	118	15.96	-81	0.00	24.2	
0955		100	6.06	3.46	110	15.92	-91	0.00	24.1	
1000		100	6.07	3.47	114	15.91	-92	0.00	24.1	
1005		100	6.07	3.44	109	15.93	-93	0.00	24.1	
1010		100	6.10	3.43	111	15.97	-96	0.00	24.1	
1015		100	6.11	3.42	109	15.93	-97	0.00	24.1	
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start - oily / cloudy
Appearance After Purging - /
Approx. Total Volume Purged - / liters
Purge Rate - / mL/min

Sample ID - FRW3-200831
Sample Time - 1020

Additional Sample - /
Additional Sample ID - /

DTW After Purging - / ft bTOC
DTW at Time of Sampling - / ft bTOC
Fe²⁺ (kit) / mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

DUPLICATE (DUP01-200831)

Notes

Vegetable Oil anaerobic treatment on GW surface
and in water column

VOC, Pet Dis, Nitrate Nitrite Sulfate, Dis Fe

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW-44A

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 7/2/20
Personnel - M Sweet
Weather - Rain 65-75°F
Sampling Device - Geopump peristaltic

Pump Controller - *peristaltic*

Refill -		sec
Discharge -		sec
Pressure -		psi

Well Information

Well Vault PID -		ppb
Well Casing PID -	0.0	ppb
Well Diameter -	22	Inches

Measured Depth to Bottom -	36.24	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	34	ft BGS
Pre-Pump (Static) Depth to Water -	23.02	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization Criteria	± 0.1 SU	$\pm 3\%$	$\pm 10\%$	$\pm 3\%$	± 10 mV	$\pm 10\%$	0.3 ft
------------------------	--------------	-----------	------------	-----------	-------------	------------	--------

[illegible]

Sample ID - NW FFA - 00902

Sample Time - 1240

Notes / Sample Information

Appearance at Start - _____
 Appearance After Purging - _____

Approx. Total Volume Purged - _____ liters
Purge Rate - _____ mL/min

Additional Sample -
Additional Sample ID -

DTW After Purging -	_____	ft bTOC
DTW at Time of Sampling -	_____	ft bTOC
Fe ²⁺ (kit)	_____	mg/L

Analyses - ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~

VUC 8260B

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW-44B

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 9/2/20
Personnel - R. Sweet
Weather - Rain 75°F
Sampling Device - Geopump per station

Pump Controller - *peristaltic*

Refill -	<i>/</i>	sec
Discharge -	<i>/</i>	sec
Pressure -	<i>/</i>	psi

Well Information

Well Vault PID - 010 ppb
Well Casing PID - ppb
Well Diameter - 2" inches

Measured Depth to Bottom -	49.21	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	47	ft BGS
Pre-Pump (Static) Depth to Water -	22.86	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization Criteria	± 0.1 SU	$\pm 3\%$	$\pm 10\%$	$\pm 3\%$	± 10 mV	$\pm 10\%$	0.3 ft
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[illegible]

Notes / Sample Information

Appearance at Start - Clean
Appearance After Purging - Clean

Approx. Total Volume Purged - _____ liters
Purge Rate - _____ mL/min

Sample ID - MW44B-200902
Sample Time - 0955

Additional Sample - _____
Additional Sample ID - _____

DTW After Purging - _____ ft bTOC
DTW at Time of Sampling - _____ ft bTOC
Fe²⁺ (kit) _____ mg/L

~~Analyses - TAI Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~

Doc 8260 B

Notes

Monitoring Well - MW-44C

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 9/2/20
Personnel - M. Sweet
Weather - Rain 65-75°F
Sampling Device - Geopump peristaltic

Pump Controller - peristaltic
Refill - sec
Discharge - sec
Pressure - psi

Well Information

Well Vault PID - 0.0 ppb
Well Casing PID - ppb
Well Diameter - 2" inches

Measured Depth to Bottom - 71.48 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 69 ft BGS
Pre-Pump (Static) Depth to Water - 22.89 ft BTOC
Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1010	-	300							22.90	purge
1015		300	6.90	0.129	37.1	15.39	88	0.04	22.90	
1020		300	6.78	0.128	38.5	15.41	87	0.15	22.89	
1025		300	6.67	0.128	42.2	15.33	85	0.00	22.89	
1030		300	6.64	0.128	41.3	15.32	85	0.00	22.89	
1035		300	6.52	0.128	20.5	15.42	79	0.00	22.89	
1040		300	6.51	0.127	14.5	15.43	79	0.00	22.89	
1045		300	6.50	0.128	15.2	15.40	77	0.00	22.89	
1050		300	6.50	0.128	12.1	15.47	77	0.00	22.89	
1055		300	6.50	0.128	13.4	15.48	77	0.00	22.89	
1100		300	6.50	0.128	13.4	15.49	77	0.00	22.89	
1105		300	6.50	0.127	4.8	15.57	77	0.00	22.89	
1110		300	6.50	0.127	5.2	15.56	77	0.00	22.89	
1115		300	6.50	0.127	6.1	15.55	72	0.00	22.89	
1120		300	6.5	0.122	5.9	15.55	77	0.00	22.85	sample
1125										
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start - Clear
Appearance After Purging - Clear
Approx. Total Volume Purged - liters
Purge Rate - mL/min

Sample ID - MW 44C-200902
Sample Time - 1125

Additional Sample -
Additional Sample ID -

DTW After Purging - ft bTOC
DTW at Time of Sampling - ft bTOC
Fe²⁺ (kit) mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

VOZ 8260B

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW-45A

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 11/1/00
 Personnel - M. Suck
 Weather - partly cloudy 25°F
 Sampling Device - Geopline part 150 ft

Pump Controller - ~~per test log~~
 Refill - ~~_____~~ sec
 Discharge - ~~_____~~ sec
 Pressure - ~~_____~~ psi

Well Information

Well Vault PID - 0.2 ppb
Well Casing PID - 0.2 ppb
Well Diameter - 2.1 inches

Measured Depth to Bottom -	28.81	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	27.00	ft BGS
Pre-Pump (Static) Depth to Water -	20.16	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization Criteria	± 0.1 SU	$\pm 3\%$	$\pm 10\%$	$\pm 3\%$	± 10 mV	$\pm 10\%$	0.3 ft
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[illegible]

Sample ID - MLW-45A-200901
Sample Time - 1535

Notes / Sample Information

Appearance at Start - _____
 Appearance After Purging - _____
 Approx. Total Volume Purged - _____ liters
 Purge Rate - _____ mL/min

Additional Sample - _____
Additional Sample ID - _____

DTW After Purging - _____	ft bTOC
DTW at Time of Sampling - _____	ft bTOC
Fe ²⁺ (kit) _____	mg/L

Analyses - ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~
VOC 32608

Notes

MW 45A-200901 MS (2 vials)
MW 45A-200901 MSD (2 vials)

Monitoring Well -

MW45B

Site:

Location:

Sampling Information

Date (MM/DD/YY) -

9/1/20

Personnel -

M. Sweet

Weather -

partly cloudy 75°F

Sampling Device -

Geo pump peristaltic

Pump Controller -

peristaltic

Refill -

sec

Discharge -

sec

Pressure -

psi

Well Information

Well Vault PID -

0.5

ppb

Well Casing PID -

0.5

ppb

Well Diameter -

2"

inches

Measured Depth to Bottom -

50.84 ft BTOC

Screened Zone -

ft BGS

Depth to Pump Intake -

ft BGS

Pre-Pump (Static) Depth to Water -

20.03 ft BTOC

Post-Pump Depth to Water -

ft BTOC

Well Evacuation Data

Stabilization Criteria

± 0.1 SU

± 3 %

± 10 %

± 3 %

± 10 mV

± 10 %

0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1555	-									
1600	2L	200	6.69	0.174	47.3	15.77	23	0.00	20.03	
1605		200	6.68	0.174	47.3	15.85	18	0.00	20.03	
1610		200	6.63	0.174	45.1	15.80	17	0.00	20.03	
1615		200	6.62	0.173	28.2	15.99	16	0.00	20.03	
1620		200	6.58	0.171	17.6	15.94	14	0.00	20.04	
1625		200	6.57	0.171	18.1	15.90	14	0.00	20.04	
1630		200	6.53	0.170	16.0	15.73	13	0.00	20.04	
1635		200	6.53	0.170	16.6	15.69	14	0.00	20.04	
1640		200	6.49	0.169	14.2	15.70	13	0.10	20.04	
1645		200	6.48	0.169	12.8	15.72	14	0.00	20.04	
1650		200	6.47	0.168	12.0	15.74	14	0.00	20.04	
1655		200	6.47	0.168	11.4	15.76	15	0.00	20.04	
1700		200	6.45	0.168	12.1	15.78	14	0.00	20.04	
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID -

MW45B-200901

Sample Time -

1705

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

liters

Purge Rate -

mL/min

Additional Sample -

Additional Sample ID -

DTW After Purging -

ft bTOC

DTW at Time of Sampling -

ft bTOC

Fe²⁺ (kit)

mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

Monitoring Well - MW-58A

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 8/30/20
Personnel - M. Sweet
Weather - clear 75°F
Sampling Device - Geo pump peristaltic

Pump Controller - peristaltic
Refill - sec
Discharge - sec
Pressure - psi

Well Information

Well Vault PID - 0.0 ppb
Well Casing PID - 0.0 ppb
Well Diameter - 2" inches

Measured Depth to Bottom - 30.56 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 28 ft BGS
Pre-Pump (Static) Depth to Water - 23.74 ft BTOC
Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1030	-	275								purge
1040	4 L	275	5.21	0.136	18.3	14.28	278	7.58	23.73	
1045	6 L	250	5.21	0.137	10.1	14.24	300	3.90	23.78	
1050	8 L	250	5.14	0.136	7.6	14.15	303	3.16	23.74	
1055	10 L	250	5.18	0.136	7.3	14.09	304	3.12	23.74	
1100	12 L	250	5.17	0.135	4.3	13.93	309	2.30	23.74	
1105	14 L	250	5.17	0.135	3.6	14.01	310	2.55	23.74	
1110	16 L	250	5.17	0.135	3.8	14.00	310	2.48	23.74	
1115	18 L	250	5.17	0.135	3.6	13.96	310	2.59	23.74	
1120	20 L	250	5.17	0.134	3.0	13.88	310	2.59	23.74	
1125	21 L	250	5.16	0.135	3.1	13.89	311	2.61	23.74	
1130	22 L	250	5.16	0.135	3.2	13.92	311	2.65	23.74	
1135	23 L	250	5.17	0.135	2.9	13.94	310	2.44	23.74	
1140	24 L	250	5.17	0.135	2.7	13.97	310	2.57	23.75	
1145	25 L	250	5.17	0.135	2.6	13.93	310	2.60	23.75	sample
1150										
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start - cloudy
Appearance After Purging - clear
Approx. Total Volume Purged - 25L liters
Purge Rate - 250 mL/min

Sample ID - MW-58A-200830
Sample Time - 1150

Additional Sample -
Additional Sample ID -

DTW After Purging - 23.24 ft bTOC
DTW at Time of Sampling - 23.24 ft bTOC
Fe²⁺ (kit) mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

Monitoring Well - MW58B

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 8/30/20
Personnel - M Sweet
Weather - Clear 75°F
Sampling Device - Geo pump peristaltic

Pump Controller - peristaltic
Refill - sec
Discharge - sec
Pressure - psi

Well Information

Well Vault PID - 0.0 ppb
Well Casing PID - 0.0 ppb
Well Diameter - 2" inches

Measured Depth to Bottom - 45.5 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 43 ft BGS
Pre-Pump (Static) Depth to Water - 23.70 ft BTOC
Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. rms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1200	--	300								
1205	3 L	300	5.11	0.169	53.9	13.78	315	5.02	23.70	purge
1210	4.5 L	250	5.12	0.169	55.9	13.87	315	4.76		
1215		250	5.13	0.168	42.5	13.98	318	4.21		
1220		250	5.13	0.168	30.1	13.77	318	4.26		
1225		250	5.12	0.169	23.2	13.78	321	4.26		
1230		250	5.14	0.169	14.7	13.71	322	4.12	23.70	
1235		250	5.16	0.167	12.2	13.69	323	4.03	23.70	
1240		250	5.16	0.167	13.0	13.71	323	3.99	23.70	
1245		250	5.16	0.166	12.2	13.75	323	4.06	23.70	
1250		250	5.16	0.167	8.0	13.71	325	4.07	23.71	
1255		256	5.19	0.167	7.9	13.78	323	4.21	23.71	
1300		280	5.20	0.167	6.2	13.80	324	4.20	23.71	
1305		250	5.20	0.167	5.9	13.78	324	4.14	23.71	
1310		280	5.20	0.162	5.2	13.80	324	4.05	23.71	
1315		250	5.20	0.162	5.8	13.81	324	4.63	23.71	
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - MW58B-200830

Sample Time - 1320

Notes / Sample Information

Appearance at Start -
Appearance After Purging -
Approx. Total Volume Purged - liters
Purge Rate - mL/min

Additional Sample -
Additional Sample ID -

DTW After Purging - ft bTOC
DTW at Time of Sampling - ft bTOC
Fe²⁺ (kit) mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes



Low Flow Groundwater Sampling Field Log

Monitoring Well - MW-59A

Site:**Location:**

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Pump Controller -

Refill -

Discharge -

Pressure -

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

Measured Depth to Bottom -

Screened Zone -

Depth to Pump Intake -

Pre-Pump (Static) Depth to Water -

Post-Pump Depth to Water -

Well Evacuation Data

Stabilization Criteria

 $\pm 0.1 \text{ SU}$

$\pm 3\%$

± 10 %

+3%

+ 10 mV

 $\pm 10\%$

0.3 ft

[illegible]

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate -

Additional Sample -

Additional Sample ID -

DTW After Purging -

DTW at Time of Sampling -

 Fe^{2+} (kit)

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

★ Well furnished @ 100 ml/min Grab Sample
collected @ 1055



Low Flow Groundwater Sampling Field Log

Monitoring Well -

MW98-DA

Site:

Location:

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Pump Controller -

Refill -

Discharge -

Pressure -

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

Measured Depth to Bottom -

Screened Zone -

Depth to Pump Intake -

Pre-Pump (Static) Depth to Water -

Post-Pump Depth to Water -

Well Evacuation Data

Stabilization Criteria

 $\pm 0.1 \text{ SU}$

$\pm 3\%$

 $\pm 10\%$

+ 3%

 $\pm 10 \text{ mV}$

+ 10 %

0.3 ft

[illegible]

Sample ID -

Sample Time -

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate -

Additional Sample -

Additional Sample ID -

DTW After Purging -

DTW at Time of Sampling -

 Fe^{2+} (kit)

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

Note 4 ft of oil on probe type DTH N15

Monitoring Well - MW-98-04

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 8/30/20
Personnel - M. Sweet
Weather - clear 75°F
Sampling Device - Geo pump peristaltic

Pump Controller - peristaltic
Refill - sec
Discharge - sec
Pressure - psi

Well Information

Well Vault PID - 0.6 ppb
Well Casing PID - 0.0 ppb
Well Diameter - 2" inches

Measured Depth to Bottom - 24.21 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 22" ft BGS
Pre-Pump (Static) Depth to Water - 20.27 ft BTOC
Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1412	-	300								Start
1415	1 L	250	5.64	0.241	36.4	16.71	94	0.72	20.24	cloudy
1420	6 L	250	5.64	0.272	36.2	16.74	95	0.78	20.24	
1425	10 L	250	5.62	0.272	29.0	16.66	97	0.73	20.24	
1430		250	5.59	0.267	26.9	16.55	98	0.55	20.24	
1435		250	5.61	0.264	22.2	16.71	97	0.47	20.24	
1440		250	5.60	0.260	17.9	16.95	97	0.30	20.24	
1445		250	5.60	0.254	18.0	16.94	99	0.26	20.24	
1450		250	5.59	0.254	13.4	16.86	98	0.23	20.24	
1455		250	5.59	0.250	6.5	16.84	100	0.44	20.24	
1500		250	5.62	0.244	5.6	16.80	100	0.44	20.24	
1505		250	5.61	0.244	5.0	16.83	99	0.47	20.24	
1510		250	5.61	0.244	5.3	16.84	99	0.51	20.24	
1515		250	5.61	0.243	5.1	16.64	100	0.38	20.24	
1520		250	5.61	0.242	4.6	16.72	100	0.39	20.24	
1525		250	5.60	0.241	4.0	16.72	101	0.37	20.24	
1530		250	5.60	0.240	4.1	16.77	100	0.38	20.24	
1535		250	5.60	0.240	3.9	16.81	100	0.38	20.24	
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start - cloudy
Appearance After Purging - clear
Approx. Total Volume Purged - liters
Purge Rate - mL/min

Sample ID - ML-98 MW 98-04-200830
Sample Time - 1540

Additional Sample -
Additional Sample ID -

DTW After Purging - ft bTOC
DTW at Time of Sampling - ft bTOC
Fe²⁺ (kit) mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

Site:
Location:

Monitoring Well - MW-98-04B

Sampling Information

Date (MM/DD/YY) - 8/30/20
Personnel - M. Sweet
Weather - Clear 75°F
Sampling Device - Geo pump Peristaltic

Pump Controller - Peristaltic
Refill - sec
Discharge - sec
Pressure - psi

Well Information

Well Vault PID - 0.0 ppb
Well Casing PID - 0.0 ppb
Well Diameter - inches

Measured Depth to Bottom - 36.9 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 34 ft BGS
Pre-Pump (Static) Depth to Water - 20.16 ft BTOC
Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria ± 0.1 SU ± 3 % ± 10 % ± 3 % ± 10 mV ± 10 % 0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1545	-	300								purge
1550	4L	300	6.63	0.149	5.7	15.97	153	0.00	20.18	
1555		300	6.03	0.149	4.6	16.61	166	0.00	20.18	
1600		300	6.06	0.149	4.4	15.86	155	0.00	20.18	
1605		300	6.06	0.149	7.3	15.84	153	0.00	20.18	
1610		300	6.07	0.149	0.8	15.71	129	0.00	20.18	
1615		300	6.06	0.149	1.0	15.70	129	0.00	20.18	
1620		300	6.06	0.149	0.7	15.70	121	0.00	20.18	
1625		300	6.05	0.149	1.0	15.65	122	0.00	20.18	
1630		300	6.05	0.149	0.9	15.74	121	0.00	20.18	
1635		300	6.04	0.148	0.8	15.73	120	0.00	20.18	

Notes / Sample Information

Appearance at Start - _____
Appearance After Purging - _____
Approx. Total Volume Purged - _____ liters
Purge Rate - _____ mL/min

Sample ID - MW98-04B-200830
Sample Time - 1640

Additional Sample - _____
Additional Sample ID - _____
DTW After Purging - _____ ft bTOC
DTW at Time of Sampling - _____ ft bTOC
Fe²⁺ (kit) _____ mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

VOL 8260B

Notes

Monitoring Well -

MW-98-05A

Site:

Location:

Sampling Information

Date (MM/DD/YY) -

9/1/20

Personnel -

M. Smith

Weather -

cloudy 75°F

Sampling Device -

Geo pump peristaltic

Pump Controller -

peristaltic

Refill -

sec

Discharge -

sec

Pressure -

psi

Well Information

Well Vault PID -

4.9

ppb

Well Casing PID -

4.9

ppb

Well Diameter -

2"

inches

Measured Depth to Bottom -

26.59

ft BTOC

Screened Zone -

ft BGS

Depth to Pump Intake -

ft BGS

Pre-Pump (Static) Depth to Water -

21.98

ft BTOC

Post-Pump Depth to Water -

ft BTOC

Well Evacuation Data

Stabilization Criteria

± 0.1 SU

± 3 %

± 10 %

± 3 %

± 10 mV

± 10 %

0.3 ft

Time	Vol. L	Rate mL/min	pH Std	Cond. ms/cm	Turb. NTU	Temp. C	ORP mV	DO mg/L	DTW ft	Appearance or Comments
1115	-	175	6.84							purge
1120		175	6.89	1.91	40.1	15.05	-110	0.00	22.50	
1125		175	6.79	1.77	10.1	15.01	-101	0.00	22.50	
1130		175	6.66	1.75	59.5	14.96	-95	0.00	22.50	
1135		175	6.13	0.754	58.7	15.61	-35	0.00	22.50	
1140		175	6.07	0.790	90.5	15.78	-32	0.00	22.50	
1145		175	6.04	0.681	39.2	16.15	-17	0.10	22.50	
1150		175	6.02	0.672	35.8	16.11	-15	0.00	22.50	
1155		175	6.12	0.794	39.5	16.16	-12	0.00	22.50	
1200		175	6.16	0.747	36.6	16.12	-11	0.00	22.50	
1205		175	6.12	0.703	31.8	16.19	-13	0.10	22.50	
1210		175	5.99	0.652	30.5	15.95	-6	0.00	22.50	
1215		175	6.03	0.823	31.6	16.16	-8	0.00	22.50	
1220		175	6.00	0.642	46.2	15.78	-6	0.00	22.50	
1225		175	6.05	0.760	37.1	16.22	-6	0.00	22.50	
1230		175	6.04	0.690	35.1	15.94	-9	0.10	22.50	
1235		175	6.09	0.656	30.7	15.92	-8	0.00	22.50	
1240		175	6.04	0.678	36.7	14.60	-10	0.00	22.50	
1245		175	6.03	0.665	37.6	14.66	-9	0.00	22.50	
1250		175	6.04	0.676	34.8	14.60	-8	0.00	22.50	
1255		175	6.02							sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID -

MW-98-05A-200701

Sample Time -

1255

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

liters

Purge Rate -

mL/min

Additional Sample -

Additional Sample ID -

DTW After Purging -

ft bTOC

DTW at Time of Sampling -

ft bTOC

Fe²⁺ (kit)

mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes



Low Flow Groundwater Sampling Field Log

Monitoring Well - N-32B

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 9/2/20
 Personnel - M. Sunkat
 Weather - overcast 75°F
 Sampling Device - Geopump peristaltic

Pump Controller - *Peristaltic*

Refill		sec
Discharge		sec
Pressure		psi

Well Information

Well Vault PID - 0.0 ppb
Well Casing PID - 0.0 ppb
Well Diameter - 22 inches

Measured Depth to Bottom -	<u>27.84</u>	ft BTOC
Screened Zone -	<u>17-27</u>	ft BGS
Depth to Pump Intake -	<u>26.</u>	ft BGS
Pre-Pump (Static) Depth to Water -	<u>25.62</u>	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization Criteria	± 0.1 SU	$\pm 3\%$	$\pm 10\%$	$\pm 3\%$	± 10 mV	$\pm 10\%$	0.3 ft
------------------------	--------------	-----------	------------	-----------	-------------	------------	--------

[illegible]

Notes / Sample Information

Appearance at Start - Clear
 Appearance After Purging - _____
 prox. Total Volume Purged - _____ liters
 Purge Rate - _____ mL/min

Sample ID - N32B-200902
Sample Time - 1725

Additional Sample -
Additional Sample ID -

DTW After Purging - _____ ft bTOC
DTW at Time of Sampling - _____ ft bTOC
Fe²⁺ (kit) _____ mg/L

Analyses - TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate

Notes

APPENDIX B

ANALYTICAL LABORATORY REPORT



Technical Report

prepared for:

Ramboll US Corp.
100 Pearl Street, East Tower, Third Floor
Hartford CT, 06102
Attention: Mark Mejac

Report Date: 09/16/2020

Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

York Project (SDG) No.: 20H1216

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/16/2020
Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind.
York Project (SDG) No.: 20H1216

Ramboll US Corp.
100 Pearl Street, East Tower, Third Floor
Hartford CT, 06102
Attention: Mark Mejac

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 August 31, 2020 and listed below. The project was identified as your project: **1690016505 Kraft Sag Harbor/Frmr Rowe Ind..**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20H1216-01	MW58A-200830	Water	08/30/2020	08/31/2020
20H1216-02	MW98-04-200830	Water	08/30/2020	08/31/2020
20H1216-03	MW98-04B-200830	Water	08/30/2020	08/31/2020
20H1216-04	MW28A-200830	Water	08/30/2020	08/31/2020
20H1216-05	MW28B-200830	Water	08/30/2020	08/31/2020
20H1216-06	MW58B-200830	Water	08/30/2020	08/31/2020
20H1216-07	FRW3-200831	Water	08/31/2020	08/31/2020
20H1216-08	DUP01-200831	Water	08/31/2020	08/31/2020
20H1216-09	TB01-200830	Water	08/30/2020	08/31/2020
20H1216-10	FRW2-200831	Water	08/31/2020	08/31/2020

General Notes for York Project (SDG) No.: 20H1216

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/16/2020





Sample Information

Client Sample ID: MW58A-200830

York Sample ID: 20H1216-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 11:50 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 04:03	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:03	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP



Sample Information

Client Sample ID: MW58A-200830

York Sample ID: 20H1216-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 11:50 am

08/31/2020

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP



Sample Information

Client Sample ID: MW58A-200830

York Sample ID: 20H1216-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 11:50 am

08/31/2020

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:03	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:03	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:03	TMP



Sample Information

Client Sample ID: MW58A-200830

York Sample ID: 20H1216-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 11:50 am

08/31/2020

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
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:03	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 04:03	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.0 %			79-122						

Sample Information

Client Sample ID: MW98-04-200830

York Sample ID: 20H1216-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 3:40 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 04:28	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP



Sample Information

Client Sample ID: MW98-04-200830

York Sample ID: 20H1216-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 3:40 pm

08/31/2020

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
78-93-3	2-Butanone	25		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
591-78-6	2-Hexanone	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
67-64-1	Acetone	27		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 04:28	TMP



Sample Information

Client Sample ID: MW98-04-200830

York Sample ID: 20H1216-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 3:40 pm

08/31/2020

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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
156-59-2	cis-1,2-Dichloroethylene	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:28	TMP



Sample Information

Client Sample ID: MW98-04-200830

York Sample ID: 20H1216-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 3:40 pm

08/31/2020

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
127-18-4	Tetrachloroethylene	2.4		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
108-88-3	Toluene	65		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:28	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	115 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.6 %	79-122								

Sample Information

Client Sample ID: MW98-04B-200830

York Sample ID: 20H1216-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 4:40 pm

08/31/2020

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



Sample Information

Client Sample ID: MW98-04B-200830

York Sample ID: 20H1216-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 4:40 pm

08/31/2020

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:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 04:54	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:54	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP



Sample Information

Client Sample ID: MW98-04B-200830

York Sample ID: 20H1216-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 4:40 pm

08/31/2020

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
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP



Sample Information

Client Sample ID: MW98-04B-200830

York Sample ID: 20H1216-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 4:40 pm

08/31/2020

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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:54	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 04:54	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 04:54	TMP



Sample Information

Client Sample ID: MW98-04B-200830

York Sample ID: 20H1216-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 4:40 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 04:54	TMP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	116 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %		79-122							

Sample Information

Client Sample ID: MW28A-200830

York Sample ID: 20H1216-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:00 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 05:19	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:19	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP



Sample Information

Client Sample ID: MW28A-200830

York Sample ID: 20H1216-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:00 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
78-93-3	2-Butanone	28		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
67-64-1	Acetone	3.7		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP



Sample Information

Client Sample ID: MW28A-200830

York Sample ID: 20H1216-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:00 pm

08/31/2020

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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:19	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:19	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:19	TMP



Sample Information

Client Sample ID: MW28A-200830

York Sample ID: 20H1216-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:00 pm

08/31/2020

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:19	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 05:19	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	122 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.0 %	79-122								

Sample Information

Client Sample ID: MW28B-200830

York Sample ID: 20H1216-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:55 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP



Sample Information

Client Sample ID: MW28B-200830

York Sample ID: 20H1216-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:55 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 05:45	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:45	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP



Sample Information

Client Sample ID: MW28B-200830

York Sample ID: 20H1216-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:55 pm

08/31/2020

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:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-15-0	Carbon disulfide	0.35	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 05:45	TMP



Sample Information

Client Sample ID: MW28B-200830

York Sample ID: 20H1216-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:55 pm

08/31/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:45	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 05:45	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 05:45	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 05:45	TMP

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: MW28B-200830

York Sample ID: 20H1216-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 6:55 pm

08/31/2020

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	118 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: MW58B-200830

York Sample ID: 20H1216-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 1:20 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 06:11	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:11	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP



Sample Information

Client Sample ID: MW58B-200830

York Sample ID: 20H1216-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 1:20 pm

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP



Sample Information

Client Sample ID: MW58B-200830

York Sample ID: 20H1216-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 1:20 pm

08/31/2020

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
67-66-3	Chloroform	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:11	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:11	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:11	TMP



Sample Information

Client Sample ID: MW58B-200830

York Sample ID: 20H1216-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 1:20 pm

08/31/2020

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
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:11	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 06:11	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	119 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.2 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.9 %	79-122								

Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP



Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 06:36	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
78-93-3	2-Butanone	1500	Cal-E	ug/L	5.0	12	25	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 13:28	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 06:36	TMP
591-78-6	2-Hexanone	300	Cal-E	ug/L	5.0	12	25	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 13:28	TMP



Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-10-1	4-Methyl-2-pentanone	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-64-1	Acetone	390	CCV-E, B	ug/L	25	50	25	EPA 8260C Certifications:	09/02/2020 06:45	09/08/2020 13:28	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-43-2	Benzene	0.55		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-15-0	Carbon disulfide	0.38	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
156-59-2	cis-1,2-Dichloroethylene	120		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
								CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 06:36	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
127-18-4	Tetrachloroethylene	15		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
108-88-3	Toluene	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
79-01-6	Trichloroethylene	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
75-01-4	Vinyl Chloride	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 06:36	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 06:36	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								



Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

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
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.5 %			79-122						

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	29000		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:01	RB
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:01	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:01	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1950		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:30	KML

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 04:49	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,PADEP	08/31/2020 17:39	09/01/2020 04:49	MAO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	1.64		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 04:49	MAO



Sample Information

Client Sample ID: FRW3-200831

York Sample ID: 20H1216-07

York Project (SDG) No.

Client Project ID

Matrix

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 10:20 am

08/31/2020

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	2380		mg/L	100	100	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2020 08:55	09/01/2020 16:23	JAG

Sample Information

Client Sample ID: DUP01-200831

York Sample ID: 20H1216-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 9:00 am

08/31/2020

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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 07:02	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 07:02	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP



Sample Information

Client Sample ID: DUP01-200831

York Sample ID: 20H1216-08

York Project (SDG) No.

Client Project ID

Matrix

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 9:00 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
78-93-3	2-Butanone	2100	Cal-E	ug/L	5.0	12	25	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 13:54	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
591-78-6	2-Hexanone	400		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
67-64-1	Acetone	460		ug/L	5.0	10	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP



Sample Information

Client Sample ID: DUP01-200831

York Sample ID: 20H1216-08

York Project (SDG) No.

Client Project ID

Matrix

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 9:00 am

08/31/2020

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
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
156-59-2	cis-1,2-Dichloroethylene	120		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 07:02	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 07:02	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 07:02	TMP



Sample Information

Client Sample ID: DUP01-200831

York Sample ID: 20H1216-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 9:00 am

08/31/2020

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
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
127-18-4	Tetrachloroethylene	13		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
108-88-3	Toluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
75-01-4	Vinyl Chloride	1.4	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 07:02	TMP
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 07:02	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	122 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.5 %			79-122						

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	33000		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:07	RB
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:07	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:07	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1980		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:39	KML



Sample Information

Client Sample ID: DUP01-200831

York Sample ID: 20H1216-08

York Project (SDG) No.

Client Project ID

Matrix

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 9:00 am

08/31/2020

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 05:20	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 05:20	MAO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	1.52		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 05:20	MAO

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	2530		mg/L	100	100	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2020 08:55	09/01/2020 16:23	JAG

Sample Information

Client Sample ID: TB01-200830

York Sample ID: 20H1216-09

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 12:00 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP



Sample Information

Client Sample ID: TB01-200830

York Sample ID: 20H1216-09

York Project (SDG) No.

Client Project ID

Matrix

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20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 12:00 am

08/31/2020

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 02:20	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 02:20	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 02:20	TMP



Sample Information

Client Sample ID: TB01-200830

York Sample ID: 20H1216-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 12:00 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP



Sample Information

Client Sample ID: TB01-200830

York Sample ID: 20H1216-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 12:00 am

08/31/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 02:20	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2020 06:45	09/03/2020 02:20	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/03/2020 02:20	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/03/2020 02:20	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	81-117								



Sample Information

Client Sample ID: TB01-200830

York Sample ID: 20H1216-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 30, 2020 12:00 am

08/31/2020

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
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.5 %			79-122						

Sample Information

Client Sample ID: FRW2-200831

York Sample ID: 20H1216-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 12:45 pm

08/31/2020

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	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/02/2020 20:22	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
95-63-6	1,2,4-Trimethylbenzene	1.5	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP



Sample Information

Client Sample ID: FRW2-200831

York Sample ID: 20H1216-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 12:45 pm

08/31/2020

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
78-93-3	2-Butanone	1700	Cal-E	ug/L	10	25	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/04/2020 03:58	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
591-78-6	2-Hexanone	300		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
67-64-1	Acetone	2600		ug/L	50	100	50	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/04/2020 03:58	TMP
71-43-2	Benzene	1.0	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP



Sample Information

Client Sample ID: FRW2-200831

York Sample ID: 20H1216-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 12:45 pm

08/31/2020

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
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
156-59-2	cis-1,2-Dichloroethylene	200		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	09/02/2020 06:45	09/02/2020 20:22	TMP



Sample Information

Client Sample ID: FRW2-200831

York Sample ID: 20H1216-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 12:45 pm

08/31/2020

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
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
127-18-4	Tetrachloroethylene	13		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
108-88-3	Toluene	2.1	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
79-01-6	Trichloroethylene	1.5	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
75-01-4	Vinyl Chloride	5.1		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2020 06:45	09/02/2020 20:22	TMP
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2020 06:45	09/02/2020 20:22	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %	79-122								

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	18000		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:13	RB
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:13	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 16:13	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1550		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:42	KML



Sample Information

Client Sample ID: FRW2-200831

York Sample ID: 20H1216-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H1216

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 12:45 pm

08/31/2020

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 05:50	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,PADEP	08/31/2020 17:39	09/01/2020 05:50	MAO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/31/2020 17:39	09/01/2020 05:50	MAO

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1850		mg/L	100	100	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/01/2020 08:55	09/01/2020 16:23	JAG



Analytical Batch Summary

Batch ID: BI00026 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-07	FRW3-200831	09/01/20
20H1216-08	DUP01-200831	09/01/20
20H1216-10	FRW2-200831	09/01/20
BI00026-BLK1	Blank	09/01/20
BI00026-BS1	LCS	09/01/20

Batch ID: BI00063 **Preparation Method:** EPA 300 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-07	FRW3-200831	08/31/20
20H1216-08	DUP01-200831	08/31/20
20H1216-10	FRW2-200831	08/31/20
BI00063-BLK1	Blank	08/31/20
BI00063-BS1	LCS	08/31/20

Batch ID: BI00135 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-10	FRW2-200831	09/02/20
BI00135-BLK1	Blank	09/02/20
BI00135-BS1	LCS	09/02/20
BI00135-BSD1	LCS Dup	09/02/20

Batch ID: BI00149 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-01	MW58A-200830	09/02/20
20H1216-02	MW98-04-200830	09/02/20
20H1216-03	MW98-04B-200830	09/02/20
20H1216-04	MW28A-200830	09/02/20
20H1216-05	MW28B-200830	09/02/20
20H1216-06	MW58B-200830	09/02/20
20H1216-07	FRW3-200831	09/02/20
20H1216-08	DUP01-200831	09/02/20
20H1216-09	TB01-200830	09/02/20
BI00149-BLK1	Blank	09/02/20
BI00149-BS1	LCS	09/02/20
BI00149-BSD1	LCS Dup	09/02/20

Batch ID: BI00364 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-10RE1	FRW2-200831	09/02/20



BI00364-BLK1	Blank	09/03/20
BI00364-BS1	LCS	09/03/20
BI00364-BSD1	LCS Dup	09/03/20

Batch ID: BI00366 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-07RE1	FRW3-200831	09/02/20
20H1216-08RE1	DUP01-200831	09/02/20
BI00366-BLK1	Blank	09/08/20
BI00366-BS1	LCS	09/08/20
BI00366-BSD1	LCS Dup	09/08/20

Batch ID: BI00372 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-07	FRW3-200831	09/08/20
20H1216-08	DUP01-200831	09/08/20
20H1216-10	FRW2-200831	09/08/20
BI00372-BLK1	Blank	09/08/20

Batch ID: BI00373 **Preparation Method:** EPA 200.7 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20H1216-07	FRW3-200831	09/08/20
20H1216-08	DUP01-200831	09/08/20
20H1216-10	FRW2-200831	09/08/20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00135 - EPA 5030B

Blank (BI00135-BLK1)

Prepared & Analyzed: 09/02/2020

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	"
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	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 disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
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	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00135 - EPA 5030B

Blank (BI00135-BLK1)

Prepared & Analyzed: 09/02/2020

Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
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: SURR: 1,2-Dichloroethane-d4	10.3	"	10.0	103	69-130
Surrogate: SURR: Toluene-d8	10.1	"	10.0	101	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.96	"	10.0	99.6	79-122

LCS (BI00135-BS1)

Prepared & Analyzed: 09/02/2020

1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	102	82-126
1,1,1-Trichloroethane	10.6	"	10.0	106	78-136
1,1,2,2-Tetrachloroethane	9.61	"	10.0	96.1	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	"	10.0	112	54-165
1,1,2-Trichloroethane	9.67	"	10.0	96.7	82-123
1,1-Dichloroethane	9.80	"	10.0	98.0	82-129
1,1-Dichloroethylene	10.9	"	10.0	109	68-138
1,1-Dichloropropylene	10.5	"	10.0	105	83-133
1,2,3-Trichlorobenzene	9.27	"	10.0	92.7	76-136
1,2,3-Trichloropropane	10.5	"	10.0	105	77-128
1,2,4,5-Tetramethylbenzene	10.6	"	10.0	106	85-140
1,2,4-Trichlorobenzene	9.78	"	10.0	97.8	76-137
1,2,4-Trimethylbenzene	11.4	"	10.0	114	82-132
1,2-Dibromo-3-chloropropane	9.76	"	10.0	97.6	45-147
1,2-Dibromoethane	9.42	"	10.0	94.2	83-124
1,2-Dichlorobenzene	10.6	"	10.0	106	79-123
1,2-Dichloroethane	9.39	"	10.0	93.9	73-132
1,2-Dichloropropane	9.71	"	10.0	97.1	78-126
1,3,5-Trimethylbenzene	11.5	"	10.0	115	80-131
1,3-Dichlorobenzene	10.7	"	10.0	107	86-122
1,3-Dichloropropane	9.56	"	10.0	95.6	81-125
1,4-Dichlorobenzene	10.7	"	10.0	107	85-124
2,2-Dichloropropane	12.6	"	10.0	126	56-150
2-Butanone	9.46	"	10.0	94.6	49-152



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00135 - EPA 5030B

LCS (BI00135-BS1)

Prepared & Analyzed: 09/02/2020

2-Chlorotoluene	10.9		ug/L	10.0		109	79-130				
2-Hexanone	9.21		"	10.0		92.1	51-146				
4-Chlorotoluene	11.0		"	10.0		110	79-128				
4-Methyl-2-pentanone	8.56		"	10.0		85.6	57-145				
Acetone	10.4		"	10.0		104	14-150				
Benzene	10.1		"	10.0		101	85-126				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	8.83		"	10.0		88.3	77-128				
Bromodichloromethane	9.80		"	10.0		98.0	79-128				
Bromoform	8.58		"	10.0		85.8	78-133				
Bromomethane	7.25		"	10.0		72.5	43-168				
Carbon disulfide	10.3		"	10.0		103	68-146				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	12.5		"	10.0		125	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129				
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	80-131				
Dibromochloromethane	9.57		"	10.0		95.7	80-130				
Dibromomethane	9.21		"	10.0		92.1	72-134				
Dichlorodifluoromethane	13.5		"	10.0		135	44-144				
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	11.3		"	10.0		113	76-140				
Methyl tert-butyl ether (MTBE)	8.84		"	10.0		88.4	76-135				
Methylene chloride	9.46		"	10.0		94.6	55-137				
Naphthalene	9.04		"	10.0		90.4	70-147				
n-Butylbenzene	12.5		"	10.0		125	79-132				
n-Propylbenzene	11.4		"	10.0		114	78-133				
o-Xylene	10.6		"	10.0		106	78-130				
p- & m- Xylenes	22.2		"	20.0		111	77-133				
p-Diethylbenzene	12.7		"	10.0		127	84-134				
p-Ethyltoluene	12.6		"	10.0		126	88-129				
p-Isopropyltoluene	11.5		"	10.0		115	81-136				
sec-Butylbenzene	12.1		"	10.0		121	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	10.0		"	10.0		100	77-138				
Tetrachloroethylene	11.4		"	10.0		114	82-131				
Toluene	10.7		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132				
trans-1,3-Dichloropropylene	9.54		"	10.0		95.4	78-131				
Trichloroethylene	11.1		"	10.0		111	82-128				
Trichlorofluoromethane	11.9		"	10.0		119	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.72		"	10.0		97.2	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.99		"	10.0		99.9	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 BI00135 - EPA 5030B											
LCS Dup (BI00135-BS01)						Prepared & Analyzed: 09/02/2020					
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126		1.87	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		0.851	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		4.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		2.52	30	
1,1,2-Trichloroethane	9.42		"	10.0		94.2	82-123		2.62	30	
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129		1.44	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		5.94	30	
1,1-Dichloropropylene	10.4		"	10.0		104	83-133		1.72	30	
1,2,3-Trichlorobenzene	9.87		"	10.0		98.7	76-136		6.27	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		1.34	30	
1,2,4,5-Tetramethylbenzene	10.3		"	10.0		103	85-140		2.39	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		4.79	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		5.41	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	45-147		2.53	30	
1,2-Dibromoethane	9.59		"	10.0		95.9	83-124		1.79	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		2.01	30	
1,2-Dichloroethane	10.0		"	10.0		100	73-132		6.69	30	
1,2-Dichloropropane	9.41		"	10.0		94.1	78-126		3.14	30	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131		6.08	30	
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122		4.39	30	
1,3-Dichloropropane	9.61		"	10.0		96.1	81-125		0.522	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		3.03	30	
2,2-Dichloropropane	12.2		"	10.0		122	56-150		3.31	30	
2-Butanone	9.86		"	10.0		98.6	49-152		4.14	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		3.54	30	
2-Hexanone	9.59		"	10.0		95.9	51-146		4.04	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		4.36	30	
4-Methyl-2-pentanone	9.47		"	10.0		94.7	57-145		10.1	30	
Acetone	10.5		"	10.0		105	14-150		0.575	30	
Benzene	9.95		"	10.0		99.5	85-126		1.30	30	
Bromobenzene	10.2		"	10.0		102	78-129		2.61	30	
Bromochloromethane	9.08		"	10.0		90.8	77-128		2.79	30	
Bromodichloromethane	9.80		"	10.0		98.0	79-128		0.00	30	
Bromoform	9.21		"	10.0		92.1	78-133		7.08	30	
Bromomethane	6.93		"	10.0		69.3	43-168		4.51	30	
Carbon disulfide	9.96		"	10.0		99.6	68-146		3.55	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		2.78	30	
Chlorobenzene	10.2		"	10.0		102	88-120		3.57	30	
Chloroethane	12.2		"	10.0		122	65-136		2.83	30	
Chloroform	10.0		"	10.0		100	82-128		0.992	30	
Chloromethane	9.75		"	10.0		97.5	43-155		5.29	30	
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129		2.44	30	
cis-1,3-Dichloropropylene	9.79		"	10.0		97.9	80-131		0.102	30	
Dibromochloromethane	9.61		"	10.0		96.1	80-130		0.417	30	
Dibromomethane	9.38		"	10.0		93.8	72-134		1.83	30	
Dichlorodifluoromethane	12.9		"	10.0		129	44-144		4.56	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.90	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		1.03	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		7.99	30	
Methyl tert-butyl ether (MTBE)	9.72		"	10.0		97.2	76-135		9.48	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00135 - EPA 5030B

LCS Dup (BI00135-BSD1)

Prepared & Analyzed: 09/02/2020

Methylene chloride	9.45		ug/L	10.0		94.5	55-137		0.106	30	
Naphthalene	9.57		"	10.0		95.7	70-147		5.70	30	
n-Butylbenzene	11.9		"	10.0		119	79-132		4.92	30	
n-Propylbenzene	10.7		"	10.0		107	78-133		6.60	30	
o-Xylene	10.2		"	10.0		102	78-130		3.83	30	
p- & m- Xylenes	21.0		"	20.0		105	77-133		5.55	30	
p-Diethylbenzene	12.0		"	10.0		120	84-134		5.52	30	
p-Ethyltoluene	11.7		"	10.0		117	88-129		6.99	30	
p-Isopropyltoluene	11.0		"	10.0		110	81-136		4.98	30	
sec-Butylbenzene	11.4		"	10.0		114	79-137		6.05	30	
Styrene	10.6		"	10.0		106	67-132		2.05	30	
tert-Butylbenzene	9.43		"	10.0		94.3	77-138		6.37	30	
Tetrachloroethylene	10.3		"	10.0		103	82-131		10.9	30	
Toluene	10.0		"	10.0		100	80-127		6.47	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		2.88	30	
trans-1,3-Dichloropropylene	9.47		"	10.0		94.7	78-131		0.736	30	
Trichloroethylene	10.2		"	10.0		102	82-128		8.14	30	
Trichlorofluoromethane	11.3		"	10.0		113	67-139		4.66	30	
Vinyl Chloride	10.9		"	10.0		109	58-145		4.93	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				

Batch BI00149 - EPA 5030B

Blank (BI00149-BLK1)

Prepared: 09/02/2020 Analyzed: 09/03/2020

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	"								
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00149 - EPA 5030B

Blank (BI00149-BLK1)

Prepared: 09/02/2020 Analyzed: 09/03/2020

2-Hexanone	ND	0.50	ug/L								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	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 disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
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: SURR: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	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 BI00149 - EPA 5030B											
LCS (BI00149-BS1)						Prepared: 09/02/2020 Analyzed: 09/03/2020					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	9.74		"	10.0		97.4	82-123				
1,1-Dichloroethane	9.70		"	10.0		97.0	82-129				
1,1-Dichloroethylene	10.5		"	10.0		105	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	9.73		"	10.0		97.3	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4,5-Tetramethylbenzene	10.3		"	10.0		103	85-140				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.21		"	10.0		92.1	45-147				
1,2-Dibromoethane	9.51		"	10.0		95.1	83-124				
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123				
1,2-Dichloroethane	9.95		"	10.0		99.5	73-132				
1,2-Dichloropropane	9.72		"	10.0		97.2	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	9.65		"	10.0		96.5	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
2,2-Dichloropropane	11.0		"	10.0		110	56-150				
2-Butanone	10.2		"	10.0		102	49-152				
2-Chlorotoluene	10.2		"	10.0		102	79-130				
2-Hexanone	9.97		"	10.0		99.7	51-146				
4-Chlorotoluene	10.4		"	10.0		104	79-128				
4-Methyl-2-pentanone	9.48		"	10.0		94.8	57-145				
Acetone	10.3		"	10.0		103	14-150				
Benzene	10.1		"	10.0		101	85-126				
Bromobenzene	10.0		"	10.0		100	78-129				
Bromochloromethane	9.13		"	10.0		91.3	77-128				
Bromodichloromethane	9.71		"	10.0		97.1	79-128				
Bromoform	9.32		"	10.0		93.2	78-133				
Bromomethane	7.21		"	10.0		72.1	43-168				
Carbon disulfide	10.0		"	10.0		100	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.9		"	10.0		119	65-136				
Chloroform	9.98		"	10.0		99.8	82-128				
Chloromethane	9.35		"	10.0		93.5	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	80-131				
Dibromochloromethane	9.89		"	10.0		98.9	80-130				
Dibromomethane	9.54		"	10.0		95.4	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl tert-butyl ether (MTBE)	9.67		"	10.0		96.7	76-135				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00149 - EPA 5030B

LCS (BI00149-BS1)

Prepared: 09/02/2020 Analyzed: 09/03/2020

Methylene chloride	9.53		ug/L	10.0		95.3	55-137				
Naphthalene	9.20		"	10.0		92.0	70-147				
n-Butylbenzene	11.8		"	10.0		118	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.3		"	20.0		107	77-133				
p-Diethylbenzene	12.0		"	10.0		120	84-134				
p-Ethyltoluene	11.1		"	10.0		111	88-129				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	11.2		"	10.0		112	79-137				
Styrene	10.9		"	10.0		109	67-132				
tert-Butylbenzene	9.45		"	10.0		94.5	77-138				
Tetrachloroethylene	10.4		"	10.0		104	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	11.4		"	10.0		114	67-139				
Vinyl Chloride	10.5		"	10.0		105	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				

LCS Dup (BI00149-BSD1)

Prepared: 09/02/2020 Analyzed: 09/03/2020

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126		0.0969	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		2.50	30	
1,1,2,2-Tetrachloroethane	9.90		"	10.0		99.0	76-129		3.08	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		4.53	30	
1,1,2-Trichloroethane	9.62		"	10.0		96.2	82-123		1.24	30	
1,1-Dichloroethane	9.38		"	10.0		93.8	82-129		3.35	30	
1,1-Dichloroethylene	9.98		"	10.0		99.8	68-138		5.46	30	
1,1-Dichloropropylene	9.93		"	10.0		99.3	83-133		4.33	30	
1,2,3-Trichlorobenzene	9.59		"	10.0		95.9	76-136		1.45	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		1.72	30	
1,2,4,5-Tetramethylbenzene	10.1		"	10.0		101	85-140		2.05	30	
1,2,4-Trichlorobenzene	9.96		"	10.0		99.6	76-137		1.59	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		4.16	30	
1,2-Dibromo-3-chloropropane	9.44		"	10.0		94.4	45-147		2.47	30	
1,2-Dibromoethane	9.80		"	10.0		98.0	83-124		3.00	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		1.06	30	
1,2-Dichloroethane	9.80		"	10.0		98.0	73-132		1.52	30	
1,2-Dichloropropane	9.58		"	10.0		95.8	78-126		1.45	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		2.36	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		1.17	30	
1,3-Dichloropropane	9.93		"	10.0		99.3	81-125		2.86	30	
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124		1.87	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		3.34	30	
2-Butanone	10.2		"	10.0		102	49-152		0.196	30	
2-Chlorotoluene	9.97		"	10.0		99.7	79-130		2.67	30	
2-Hexanone	10.2		"	10.0		102	51-146		1.79	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 BI00149 - EPA 5030B											
LCS Dup (BI00149-BSD1)						Prepared: 09/02/2020 Analyzed: 09/03/2020					
4-Chlorotoluene	10.1		ug/L	10.0		101	79-128		3.32	30	
4-Methyl-2-pentanone	9.76		"	10.0		97.6	57-145		2.91	30	
Acetone	10.8		"	10.0		108	14-150		4.76	30	
Benzene	9.86		"	10.0		98.6	85-126		2.21	30	
Bromobenzene	9.78		"	10.0		97.8	78-129		2.62	30	
Bromochloromethane	9.19		"	10.0		91.9	77-128		0.655	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		3.74	30	
Bromoform	9.39		"	10.0		93.9	78-133		0.748	30	
Bromomethane	6.91		"	10.0		69.1	43-168		4.25	30	
Carbon disulfide	9.49		"	10.0		94.9	68-146		5.73	30	
Carbon tetrachloride	10.4		"	10.0		104	77-141		3.51	30	
Chlorobenzene	10.3		"	10.0		103	88-120		0.387	30	
Chloroethane	11.6		"	10.0		116	65-136		2.30	30	
Chloroform	9.81		"	10.0		98.1	82-128		1.72	30	
Chloromethane	9.07		"	10.0		90.7	43-155		3.04	30	
cis-1,2-Dichloroethylene	9.83		"	10.0		98.3	83-129		2.81	30	
cis-1,3-Dichloropropylene	9.82		"	10.0		98.2	80-131		1.13	30	
Dibromochloromethane	9.98		"	10.0		99.8	80-130		0.906	30	
Dibromomethane	9.59		"	10.0		95.9	72-134		0.523	30	
Dichlorodifluoromethane	11.2		"	10.0		112	44-144		4.86	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		0.379	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		3.65	30	
Isopropylbenzene	10.1		"	10.0		101	76-140		3.31	30	
Methyl tert-butyl ether (MTBE)	9.67		"	10.0		96.7	76-135		0.00	30	
Methylene chloride	9.19		"	10.0		91.9	55-137		3.63	30	
Naphthalene	9.18		"	10.0		91.8	70-147		0.218	30	
n-Butylbenzene	11.4		"	10.0		114	79-132		3.96	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		3.19	30	
o-Xylene	10.5		"	10.0		105	78-130		0.957	30	
p- & m- Xylenes	21.3		"	20.0		106	77-133		0.235	30	
p-Diethylbenzene	11.6		"	10.0		116	84-134		3.14	30	
p-Ethyltoluene	10.7		"	10.0		107	88-129		3.40	30	
p-Isopropyltoluene	10.4		"	10.0		104	81-136		4.05	30	
sec-Butylbenzene	10.8		"	10.0		108	79-137		3.90	30	
Styrene	11.0		"	10.0		110	67-132		0.549	30	
tert-Butylbenzene	9.04		"	10.0		90.4	77-138		4.43	30	
Tetrachloroethylene	10.2		"	10.0		102	82-131		2.33	30	
Toluene	10.2		"	10.0		102	80-127		0.685	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		3.73	30	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	78-131		1.25	30	
Trichloroethylene	10.1		"	10.0		101	82-128		3.51	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		3.84	30	
Vinyl Chloride	10.2		"	10.0		102	58-145		3.10	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.3		"	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00364 - EPA 5030B

Blank (BI00364-BLK1)

Prepared: 09/03/2020 Analyzed: 09/04/2020

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	"
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	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 disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
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	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00364 - EPA 5030B

Blank (BI00364-BLK1)

Prepared: 09/03/2020 Analyzed: 09/04/2020

Methylene chloride	ND	2.0	ug/L								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
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: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.84		"	10.0		98.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.64		"	10.0		96.4	79-122				

LCS (BI00364-BS1)

Prepared & Analyzed: 09/03/2020

1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82-126				
1,1,1-Trichloroethane	9.86		"	10.0		98.6	78-136				
1,1,2,2-Tetrachloroethane	9.08		"	10.0		90.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.31		"	10.0		93.1	82-123				
1,1-Dichloroethane	9.07		"	10.0		90.7	82-129				
1,1-Dichloroethylene	9.62		"	10.0		96.2	68-138				
1,1-Dichloropropylene	9.55		"	10.0		95.5	83-133				
1,2,3-Trichlorobenzene	9.24		"	10.0		92.4	76-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	77-128				
1,2,4,5-Tetramethylbenzene	9.72		"	10.0		97.2	85-140				
1,2,4-Trichlorobenzene	9.44		"	10.0		94.4	76-137				
1,2,4-Trimethylbenzene	9.89		"	10.0		98.9	82-132				
1,2-Dibromo-3-chloropropane	8.65		"	10.0		86.5	45-147				
1,2-Dibromoethane	9.31		"	10.0		93.1	83-124				
1,2-Dichlorobenzene	9.75		"	10.0		97.5	79-123				
1,2-Dichloroethane	9.30		"	10.0		93.0	73-132				
1,2-Dichloropropane	9.08		"	10.0		90.8	78-126				
1,3,5-Trimethylbenzene	9.97		"	10.0		99.7	80-131				
1,3-Dichlorobenzene	9.71		"	10.0		97.1	86-122				
1,3-Dichloropropane	9.27		"	10.0		92.7	81-125				
1,4-Dichlorobenzene	9.74		"	10.0		97.4	85-124				
2,2-Dichloropropane	11.2		"	10.0		112	56-150				
2-Butanone	11.0		"	10.0		110	49-152				
2-Chlorotoluene	9.48		"	10.0		94.8	79-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI00364 - EPA 5030B											
LCS (BI00364-BS1)						Prepared & Analyzed: 09/03/2020					
2-Hexanone	9.06		ug/L	10.0		90.6	51-146				
4-Chlorotoluene	9.60		"	10.0		96.0	79-128				
4-Methyl-2-pentanone	8.84		"	10.0		88.4	57-145				
Acetone	9.67		"	10.0		96.7	14-150				
Benzene	9.40		"	10.0		94.0	85-126				
Bromobenzene	9.24		"	10.0		92.4	78-129				
Bromochloromethane	8.71		"	10.0		87.1	77-128				
Bromodichloromethane	9.36		"	10.0		93.6	79-128				
Bromoform	8.64		"	10.0		86.4	78-133				
Bromomethane	4.57		"	10.0		45.7	43-168				
Carbon disulfide	9.33		"	10.0		93.3	68-146				
Carbon tetrachloride	9.94		"	10.0		99.4	77-141				
Chlorobenzene	9.64		"	10.0		96.4	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	8.24		"	10.0		82.4	43-155				
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	83-129				
cis-1,3-Dichloropropylene	9.29		"	10.0		92.9	80-131				
Dibromochloromethane	9.53		"	10.0		95.3	80-130				
Dibromomethane	9.26		"	10.0		92.6	72-134				
Dichlorodifluoromethane	10.0		"	10.0		100	44-144				
Ethyl Benzene	10.1		"	10.0		101	80-131				
Hexachlorobutadiene	9.84		"	10.0		98.4	67-146				
Isopropylbenzene	9.62		"	10.0		96.2	76-140				
Methyl tert-butyl ether (MTBE)	9.28		"	10.0		92.8	76-135				
Methylene chloride	9.10		"	10.0		91.0	55-137				
Naphthalene	9.05		"	10.0		90.5	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	9.82		"	10.0		98.2	78-133				
o-Xylene	9.80		"	10.0		98.0	78-130				
p- & m- Xylenes	20.2		"	20.0		101	77-133				
p-Diethylbenzene	11.1		"	10.0		111	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butylbenzene	8.66		"	10.0		86.6	77-138				
Tetrachloroethylene	9.97		"	10.0		99.7	82-131				
Toluene	9.88		"	10.0		98.8	80-127				
trans-1,2-Dichloroethylene	9.41		"	10.0		94.1	80-132				
trans-1,3-Dichloropropylene	8.97		"	10.0		89.7	78-131				
Trichloroethylene	9.79		"	10.0		97.9	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl Chloride	9.43		"	10.0		94.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.97		"	10.0		99.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.79		"	10.0		97.9	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 BI00364 - EPA 5030B											
LCS Dup (BI00364-BS01)						Prepared: 09/03/2020 Analyzed: 09/04/2020					
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82-126		3.25	30	
1,1,1-Trichloroethane	9.13		"	10.0		91.3	78-136		7.69	30	
1,1,2,2-Tetrachloroethane	9.08		"	10.0		90.8	76-129		0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.29		"	10.0		92.9	54-165		9.63	30	
1,1,2-Trichloroethane	8.87		"	10.0		88.7	82-123		4.84	30	
1,1-Dichloroethane	8.47		"	10.0		84.7	82-129		6.84	30	
1,1-Dichloroethylene	8.89		"	10.0		88.9	68-138		7.89	30	
1,1-Dichloropropylene	9.07		"	10.0		90.7	83-133		5.16	30	
1,2,3-Trichlorobenzene	9.05		"	10.0		90.5	76-136		2.08	30	
1,2,3-Trichloropropane	9.50		"	10.0		95.0	77-128		7.11	30	
1,2,4,5-Tetramethylbenzene	9.31		"	10.0		93.1	85-140		4.31	30	
1,2,4-Trichlorobenzene	9.45		"	10.0		94.5	76-137		0.106	30	
1,2,4-Trimethylbenzene	9.60		"	10.0		96.0	82-132		2.98	30	
1,2-Dibromo-3-chloropropane	8.75		"	10.0		87.5	45-147		1.15	30	
1,2-Dibromoethane	9.07		"	10.0		90.7	83-124		2.61	30	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	79-123		1.65	30	
1,2-Dichloroethane	8.83		"	10.0		88.3	73-132		5.18	30	
1,2-Dichloropropane	8.53		"	10.0		85.3	78-126		6.25	30	
1,3,5-Trimethylbenzene	9.60		"	10.0		96.0	80-131		3.78	30	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	86-122		4.85	30	
1,3-Dichloropropane	8.93		"	10.0		89.3	81-125		3.74	30	
1,4-Dichlorobenzene	9.37		"	10.0		93.7	85-124		3.87	30	
2,2-Dichloropropane	10.1		"	10.0		101	56-150		9.88	30	
2-Butanone	9.52		"	10.0		95.2	49-152		14.8	30	
2-Chlorotoluene	8.95		"	10.0		89.5	79-130		5.75	30	
2-Hexanone	9.26		"	10.0		92.6	51-146		2.18	30	
4-Chlorotoluene	9.20		"	10.0		92.0	79-128		4.26	30	
4-Methyl-2-pentanone	8.88		"	10.0		88.8	57-145		0.451	30	
Acetone	9.07		"	10.0		90.7	14-150		6.40	30	
Benzene	8.88		"	10.0		88.8	85-126		5.69	30	
Bromobenzene	9.04		"	10.0		90.4	78-129		2.19	30	
Bromochloromethane	8.34		"	10.0		83.4	77-128		4.34	30	
Bromodichloromethane	8.94		"	10.0		89.4	79-128		4.59	30	
Bromoform	8.87		"	10.0		88.7	78-133		2.63	30	
Bromomethane	4.43		"	10.0		44.3	43-168		3.11	30	
Carbon disulfide	8.52		"	10.0		85.2	68-146		9.08	30	
Carbon tetrachloride	9.23		"	10.0		92.3	77-141		7.41	30	
Chlorobenzene	9.33		"	10.0		93.3	88-120		3.27	30	
Chloroethane	10.3		"	10.0		103	65-136		9.78	30	
Chloroform	8.93		"	10.0		89.3	82-128		5.55	30	
Chloromethane	7.69		"	10.0		76.9	43-155		6.91	30	
cis-1,2-Dichloroethylene	8.97		"	10.0		89.7	83-129		7.10	30	
cis-1,3-Dichloropropylene	8.90		"	10.0		89.0	80-131		4.29	30	
Dibromochloromethane	9.14		"	10.0		91.4	80-130		4.18	30	
Dibromomethane	8.73		"	10.0		87.3	72-134		5.89	30	
Dichlorodifluoromethane	9.17		"	10.0		91.7	44-144		9.06	30	
Ethyl Benzene	9.53		"	10.0		95.3	80-131		6.10	30	
Hexachlorobutadiene	9.44		"	10.0		94.4	67-146		4.15	30	
Isopropylbenzene	9.08		"	10.0		90.8	76-140		5.78	30	
Methyl tert-butyl ether (MTBE)	8.96		"	10.0		89.6	76-135		3.51	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	Limit	Flag
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Batch BI00364 - EPA 5030B

LCS Dup (BI00364-BSD1)

Prepared: 09/03/2020 Analyzed: 09/04/2020

Methylene chloride	8.41		ug/L	10.0		84.1	55-137		7.88	30	
Naphthalene	8.68		"	10.0		86.8	70-147		4.17	30	
n-Butylbenzene	9.93		"	10.0		99.3	79-132		4.05	30	
n-Propylbenzene	9.29		"	10.0		92.9	78-133		5.55	30	
o-Xylene	9.52		"	10.0		95.2	78-130		2.90	30	
p- & m- Xylenes	19.1		"	20.0		95.6	77-133		5.60	30	
p-Diethylbenzene	10.5		"	10.0		105	84-134		5.64	30	
p-Ethyltoluene	9.80		"	10.0		98.0	88-129		5.75	30	
p-Isopropyltoluene	9.70		"	10.0		97.0	81-136		3.54	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		3.80	30	
Styrene	9.78		"	10.0		97.8	67-132		3.42	30	
tert-Butylbenzene	8.13		"	10.0		81.3	77-138		6.31	30	
Tetrachloroethylene	9.37		"	10.0		93.7	82-131		6.20	30	
Toluene	9.15		"	10.0		91.5	80-127		7.67	30	
trans-1,2-Dichloroethylene	8.77		"	10.0		87.7	80-132		7.04	30	
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	78-131		1.35	30	
Trichloroethylene	9.16		"	10.0		91.6	82-128		6.65	30	
Trichlorofluoromethane	9.76		"	10.0		97.6	67-139		8.63	30	
Vinyl Chloride	8.62		"	10.0		86.2	58-145		8.98	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.90		"	10.0		99.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.78		"	10.0		97.8	79-122				

Batch BI00366 - EPA 5030B

Blank (BI00366-BLK1)

Prepared & Analyzed: 09/08/2020

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	"								
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00366 - EPA 5030B

Blank (BI00366-BLK1)

Prepared & Analyzed: 09/08/2020

2-Hexanone	ND	0.50	ug/L								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.2	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 disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
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: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	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 BI00366 - EPA 5030B											
LCS (BI00366-BS1)						Prepared & Analyzed: 09/08/2020					
1,1,1,2-Tetrachloroethane	9.77		ug/L	10.0		97.7	82-126				
1,1,1-Trichloroethane	9.12		"	10.0		91.2	78-136				
1,1,2,2-Tetrachloroethane	8.93		"	10.0		89.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.14		"	10.0		81.4	54-165				
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123				
1,1-Dichloroethane	8.69		"	10.0		86.9	82-129				
1,1-Dichloroethylene	8.66		"	10.0		86.6	68-138				
1,1-Dichloropropylene	8.59		"	10.0		85.9	83-133				
1,2,3-Trichlorobenzene	8.26		"	10.0		82.6	76-136				
1,2,3-Trichloropropane	9.44		"	10.0		94.4	77-128				
1,2,4,5-Tetramethylbenzene	9.42		"	10.0		94.2	85-140				
1,2,4-Trichlorobenzene	9.09		"	10.0		90.9	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	9.32		"	10.0		93.2	45-147				
1,2-Dibromoethane	9.13		"	10.0		91.3	83-124				
1,2-Dichlorobenzene	9.70		"	10.0		97.0	79-123				
1,2-Dichloroethane	8.95		"	10.0		89.5	73-132				
1,2-Dichloropropane	8.83		"	10.0		88.3	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,3-Dichloropropane	8.85		"	10.0		88.5	81-125				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	85-124				
2,2-Dichloropropane	11.0		"	10.0		110	56-150				
2-Butanone	8.73		"	10.0		87.3	49-152				
2-Chlorotoluene	9.53		"	10.0		95.3	79-130				
2-Hexanone	9.27		"	10.0		92.7	51-146				
4-Chlorotoluene	9.56		"	10.0		95.6	79-128				
4-Methyl-2-pentanone	8.75		"	10.0		87.5	57-145				
Acetone	9.57		"	10.0		95.7	14-150				
Benzene	8.80		"	10.0		88.0	85-126				
Bromobenzene	9.55		"	10.0		95.5	78-129				
Bromochloromethane	8.45		"	10.0		84.5	77-128				
Bromodichloromethane	9.72		"	10.0		97.2	79-128				
Bromoform	9.45		"	10.0		94.5	78-133				
Bromomethane	5.02		"	10.0		50.2	43-168				
Carbon disulfide	8.50		"	10.0		85.0	68-146				
Carbon tetrachloride	9.11		"	10.0		91.1	77-141				
Chlorobenzene	9.45		"	10.0		94.5	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	8.98		"	10.0		89.8	82-128				
Chloromethane	7.39		"	10.0		73.9	43-155				
cis-1,2-Dichloroethylene	9.13		"	10.0		91.3	83-129				
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	80-131				
Dibromochloromethane	10.0		"	10.0		100	80-130				
Dibromomethane	8.67		"	10.0		86.7	72-134				
Dichlorodifluoromethane	6.61		"	10.0		66.1	44-144				
Ethyl Benzene	9.89		"	10.0		98.9	80-131				
Hexachlorobutadiene	9.30		"	10.0		93.0	67-146				
Isopropylbenzene	9.68		"	10.0		96.8	76-140				
Methyl tert-butyl ether (MTBE)	8.28		"	10.0		82.8	76-135				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00366 - EPA 5030B

LCS (BI00366-BS1)

Prepared & Analyzed: 09/08/2020

Methylene chloride	8.53		ug/L	10.0		85.3	55-137				
Naphthalene	8.56		"	10.0		85.6	70-147				
n-Butylbenzene	9.95		"	10.0		99.5	79-132				
n-Propylbenzene	9.62		"	10.0		96.2	78-133				
o-Xylene	9.74		"	10.0		97.4	78-130				
p- & m- Xylenes	19.7		"	20.0		98.7	77-133				
p-Diethylbenzene	11.0		"	10.0		110	84-134				
p-Ethyltoluene	10.4		"	10.0		104	88-129				
p-Isopropyltoluene	9.95		"	10.0		99.5	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.1		"	10.0		101	67-132				
tert-Butylbenzene	8.44		"	10.0		84.4	77-138				
Tetrachloroethylene	9.64		"	10.0		96.4	82-131				
Toluene	9.47		"	10.0		94.7	80-127				
trans-1,2-Dichloroethylene	8.92		"	10.0		89.2	80-132				
trans-1,3-Dichloropropylene	9.07		"	10.0		90.7	78-131				
Trichloroethylene	9.45		"	10.0		94.5	82-128				
Trichlorofluoromethane	8.61		"	10.0		86.1	67-139				
Vinyl Chloride	8.09		"	10.0		80.9	58-145				
Surrogate: SURRE: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURRE: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				

LCS Dup (BI00366-BSD1)

Prepared & Analyzed: 09/08/2020

1,1,1,2-Tetrachloroethane	9.44		ug/L	10.0		94.4	82-126		3.44	30	
1,1,1-Trichloroethane	9.02		"	10.0		90.2	78-136		1.10	30	
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	76-129		4.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.14		"	10.0		81.4	54-165		0.00	30	
1,1,2-Trichloroethane	9.29		"	10.0		92.9	82-123		2.84	30	
1,1-Dichloroethane	8.64		"	10.0		86.4	82-129		0.577	30	
1,1-Dichloroethylene	8.61		"	10.0		86.1	68-138		0.579	30	
1,1-Dichloropropylene	8.51		"	10.0		85.1	83-133		0.936	30	
1,2,3-Trichlorobenzene	8.77		"	10.0		87.7	76-136		5.99	30	
1,2,3-Trichloropropane	9.45		"	10.0		94.5	77-128		0.106	30	
1,2,4,5-Tetramethylbenzene	9.54		"	10.0		95.4	85-140		1.27	30	
1,2,4-Trichlorobenzene	9.29		"	10.0		92.9	76-137		2.18	30	
1,2,4-Trimethylbenzene	9.87		"	10.0		98.7	82-132		2.60	30	
1,2-Dibromo-3-chloropropane	7.63		"	10.0		76.3	45-147		19.9	30	
1,2-Dibromoethane	9.36		"	10.0		93.6	83-124		2.49	30	
1,2-Dichlorobenzene	9.69		"	10.0		96.9	79-123		0.103	30	
1,2-Dichloroethane	9.30		"	10.0		93.0	73-132		3.84	30	
1,2-Dichloropropane	9.04		"	10.0		90.4	78-126		2.35	30	
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	80-131		3.30	30	
1,3-Dichlorobenzene	9.50		"	10.0		95.0	86-122		0.525	30	
1,3-Dichloropropane	9.26		"	10.0		92.6	81-125		4.53	30	
1,4-Dichlorobenzene	9.66		"	10.0		96.6	85-124		0.623	30	
2,2-Dichloropropane	11.0		"	10.0		110	56-150		0.0911	30	
2-Butanone	10.2		"	10.0		102	49-152		15.5	30	
2-Chlorotoluene	9.48		"	10.0		94.8	79-130		0.526	30	
2-Hexanone	9.70		"	10.0		97.0	51-146		4.53	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 BI00366 - EPA 5030B											
LCS Dup (BI00366-BSD1)						Prepared & Analyzed: 09/08/2020					
4-Chlorotoluene	9.41		ug/L	10.0		94.1	79-128		1.58	30	
4-Methyl-2-pentanone	9.34		"	10.0		93.4	57-145		6.52	30	
Acetone	10.1		"	10.0		101	14-150		5.29	30	
Benzene	8.90		"	10.0		89.0	85-126		1.13	30	
Bromobenzene	9.45		"	10.0		94.5	78-129		1.05	30	
Bromochloromethane	8.57		"	10.0		85.7	77-128		1.41	30	
Bromodichloromethane	9.68		"	10.0		96.8	79-128		0.412	30	
Bromoform	9.63		"	10.0		96.3	78-133		1.89	30	
Bromomethane	4.92		"	10.0		49.2	43-168		2.01	30	
Carbon disulfide	8.34		"	10.0		83.4	68-146		1.90	30	
Carbon tetrachloride	8.87		"	10.0		88.7	77-141		2.67	30	
Chlorobenzene	9.36		"	10.0		93.6	88-120		0.957	30	
Chloroethane	10.1		"	10.0		101	65-136		2.75	30	
Chloroform	9.21		"	10.0		92.1	82-128		2.53	30	
Chloromethane	7.24		"	10.0		72.4	43-155		2.05	30	
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	83-129		0.764	30	
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	80-131		0.532	30	
Dibromochloromethane	9.91		"	10.0		99.1	80-130		0.904	30	
Dibromomethane	8.95		"	10.0		89.5	72-134		3.18	30	
Dichlorodifluoromethane	6.67		"	10.0		66.7	44-144		0.904	30	
Ethyl Benzene	9.69		"	10.0		96.9	80-131		2.04	30	
Hexachlorobutadiene	9.79		"	10.0		97.9	67-146		5.13	30	
Isopropylbenzene	9.40		"	10.0		94.0	76-140		2.94	30	
Methyl tert-butyl ether (MTBE)	9.07		"	10.0		90.7	76-135		9.11	30	
Methylene chloride	8.74		"	10.0		87.4	55-137		2.43	30	
Naphthalene	8.91		"	10.0		89.1	70-147		4.01	30	
n-Butylbenzene	9.62		"	10.0		96.2	79-132		3.37	30	
n-Propylbenzene	9.47		"	10.0		94.7	78-133		1.57	30	
o-Xylene	9.63		"	10.0		96.3	78-130		1.14	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		0.763	30	
p-Diethylbenzene	10.9		"	10.0		109	84-134		1.00	30	
p-Ethyltoluene	10.1		"	10.0		101	88-129		3.11	30	
p-Isopropyltoluene	9.86		"	10.0		98.6	81-136		0.909	30	
sec-Butylbenzene	9.98		"	10.0		99.8	79-137		2.57	30	
Styrene	10.3		"	10.0		103	67-132		1.47	30	
tert-Butylbenzene	8.37		"	10.0		83.7	77-138		0.833	30	
Tetrachloroethylene	9.38		"	10.0		93.8	82-131		2.73	30	
Toluene	9.34		"	10.0		93.4	80-127		1.38	30	
trans-1,2-Dichloroethylene	8.72		"	10.0		87.2	80-132		2.27	30	
trans-1,3-Dichloropropylene	9.23		"	10.0		92.3	78-131		1.75	30	
Trichloroethylene	9.45		"	10.0		94.5	82-128		0.00	30	
Trichlorofluoromethane	8.54		"	10.0		85.4	67-139		0.816	30	
Vinyl Chloride	7.99		"	10.0		79.9	58-145		1.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.72		"	10.0		97.2	79-122				



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00372 - Preparation for GC Analysis

Blank (BI00372-BLK1)

Prepared & Analyzed: 09/08/2020

Methane	ND	10	ug/L
Ethane	ND	10	"
Ethylene (Ethene)	ND	10	"



Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00063 - EPA 300

Blank (BI00063-BLK1)

Prepared & Analyzed: 08/31/2020

Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
Sulfate	ND	1.00	"								

LCS (BI00063-BS1)

Prepared & Analyzed: 08/31/2020

Nitrate as N	9.99	0.0500	mg/L	10.0		99.9	90-110				
Nitrite as N	9.08	0.0500	"	10.0		90.8	90-110				
Sulfate	10.2	1.00	"	10.0		102	85-115				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00026 - Analysis Preparation

Blank (BI00026-BLK1)

Prepared & Analyzed: 09/01/2020

Total Organic Carbon (TOC)	ND	1.00	mg/L
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LCS (BI00026-BS1)

Prepared & Analyzed: 09/01/2020

Total Organic Carbon (TOC)	95.8	1.00	mg/L	94.0	102	79.5-125.1
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H1216-01	MW58A-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-02	MW98-04-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-03	MW98-04B-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-04	MW28A-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-05	MW28B-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-06	MW58B-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-07	FRW3-200831	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-08	DUP01-200831	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-09	TB01-200830	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20H1216-10	FRW2-200831	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

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).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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.

Revision Description: This report has been revised to report data in a QA/QC report format.



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
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www.yorklab.com

YORK
ANALYTICAL LABORATORIES INC.

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.

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Ramboll Corp	Company:	Ramboll Corp	Company:	Ramboll Corp	169006505		RUSH - Next Day	
Address:	101 Carnegie Ctr, 200 Princeton, NJ 08540	Address:	234 W. Florida St, 5th Fl - Milwaukee WI 53204	Address:	234 W. Florida St, 5th Fl - Milwaukee WI 53204			RUSH - Two Day	
Phone:	(201) 575-1715	Phone:	262-901-0127	Phone:	262-901-0127			RUSH - Three Day	
Contact:	Matthew Sweet	Contact:	Mark Mejac	Contact:	Mark Mejac			RUSH - Four Day	
E-mail:	msweet@ramboll.com	E-mail:	mmejac@ramboll.com	E-mail:	mmejac@ramboll.com			Standard (5-7 Day)	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Samples Collected by: (print your name above and sign below) Matthew Sweet		S - soil / solid		New York		CT RCP		Compared to the following Regulation(s): (please fill in) NYS DEC Awa	
		GW - groundwater		New Jersey		CT RCP DQA/DUE			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
MW 58A - 200830		G-W		8/30/20 1150		VOC (8260B)		3 Heurlys	
MW 98-04-200830		G-W		8/30/20 1540		VOC (8260B)			
MW 98-04B-200830		G-W		8/30/20 1640		VOC (8260B)			
MW 28A - 200830		G-W		8/30/20 1800		VOC (8260B)			
MW 28B - 200830		G-W		8/30/20 1855		VOC (8260B)			
MW 58B - 200830		G-W		8/30/20 1320		VOC (8260B)			
FPW3 - 200831		G-W		8/31/20 1020		VOC (8260B), Nitrite Nitrate, Dis. Fe, ethane, ethane, methane, sulfate			
DUP01 - 200831		G-W		8/31/20 0900		VOC (8260B), Nitrite, Nitrate, Dis. Fe, ethane, methane, sulfate, TOC			
TB01 - 200831		A-Q		NA		VOC (8260B)			
FRW2 - 200831		G-W		8/31/20 1245		8260B, M300, M8015, M6010B/200.7, TOC, M353.2			
Comments: Send EDD/EDS 4 File to EDD Princeton@ramboll.com Lab Filter for Dis. Fe									
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
Matthew Sweet / Ramboll		8/31/20 300pm		R. Sackhys		8/31/20 1840		Field Filtered Lab to Filter X	
Samples Received by / Company		Date/Time		Samples Received by / Company		Date/Time			
Samples Relinquished by / Company		Date/Time		Samples Received in LAB by		Date/Time		Temp. Received at Lab	
				7 Gals 8/31/2020 1840				1.4	



Technical Report

prepared for:

Ramboll US Corp.
100 Pearl Street, East Tower, Third Floor
Hartford CT, 06102
Attention: Mark Mejac

Report Date: 09/11/2020

Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

York Project (SDG) No.: 20I0209

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Ramboll US Corp.
100 Pearl Street, East Tower, Third Floor
Hartford CT, 06102
Attention: Mark Mejac

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 September 03, 2020 and listed below. The project was identified as your project: **1690016505 Kraft Sag Harbor/Frmr Rowe Ind..**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20I0209-01	FRW4-200831	Water	08/31/2020	09/03/2020
20I0209-02	FRW1-200831	Water	08/31/2020	09/03/2020
20I0209-03	MW98-01A-200901	Water	09/01/2020	09/03/2020
20I0209-04	MW98-05A-200901	Water	09/01/2020	09/03/2020
20I0209-05	MW45A-200901	Water	09/01/2020	09/03/2020
20I0209-06	MW45B-200901	Water	09/01/2020	09/03/2020
20I0209-07	MW44B-200902	Water	09/02/2020	09/03/2020
20I0209-08	MW44C-200902	Water	09/02/2020	09/03/2020
20I0209-09	MW44A-200902	Water	09/02/2020	09/03/2020
20I0209-10	N32-200902	Water	09/02/2020	09/03/2020
20I0209-11	N32B-200902	Water	09/02/2020	09/03/2020
20I0209-12	MW59B-200903	Water	09/03/2020	09/03/2020
20I0209-13	FB01-200901	Water	09/01/2020	09/03/2020
20I0209-14	MW59A-200903	Water	09/03/2020	09/03/2020
20I0209-15	TB01-200903	Water	09/03/2020	09/03/2020

General Notes for York Project (SDG) No.: 20I0209

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 09/11/2020





Sample Information

Client Sample ID: FRW4-200831

York Sample ID: 2010209-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

2010209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 3:30 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 03:06	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:06	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP



Sample Information

Client Sample ID: FRW4-200831

York Sample ID: 20I0209-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 3:30 pm

09/03/2020

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
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
78-93-3	2-Butanone	180		ug/L	2.0	5.0	10	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 18:57	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
591-78-6	2-Hexanone	28		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
108-10-1	4-Methyl-2-pentanone	2.3		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
67-64-1	Acetone	220		ug/L	10	20	10	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 18:57	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-15-0	Carbon disulfide	0.22	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
156-59-2	cis-1,2-Dichloroethylene	7.5		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP



Sample Information

Client Sample ID: FRW4-200831

York Sample ID: 20I0209-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 3:30 pm

09/03/2020

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
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:06	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:06	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
127-18-4	Tetrachloroethylene	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
108-88-3	Toluene	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 03:06	TMP



Sample Information

Client Sample ID: FRW4-200831

York Sample ID: 20I0209-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 3:30 pm

09/03/2020

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
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:06	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 03:06	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %									
2037-26-5	Surrogate: SURR: Toluene-d8	101 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.0 %									

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	14000		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:11	RB
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:11	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:11	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	443		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:45	KML

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 12:40	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,PADEP	09/10/2020 15:12	09/11/2020 12:40	MAO



Sample Information

Client Sample ID: FRW4-200831

York Sample ID: 20I0209-01

York Project (SDG) No.

Client Project ID

Matrix

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20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 3:30 pm

09/03/2020

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 12:40	MAO

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	352		mg/L	10.0	10	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/09/2020 08:46	09/09/2020 14:03	JAG

Sample Information

Client Sample ID: FRW1-200831

York Sample ID: 20I0209-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 5:00 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-34-3	1,1-Dichloroethane	0.69		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-35-4	1,1-Dichloroethylene	0.24	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 03:32	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP



Sample Information

Client Sample ID: FRW1-200831

York Sample ID: 20I0209-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 5:00 pm

09/03/2020

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
78-93-3	2-Butanone	580		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 19:23	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
591-78-6	2-Hexanone	39		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
108-10-1	4-Methyl-2-pentanone	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
67-64-1	Acetone	230		ug/L	20	40	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 19:23	TMP
71-43-2	Benzene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP



Sample Information

Client Sample ID: FRW1-200831

York Sample ID: 20I0209-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 5:00 pm

09/03/2020

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
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-15-0	Carbon disulfide	0.21	CCV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-00-3	Chloroethane	0.24	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
156-59-2	cis-1,2-Dichloroethylene	560		ug/L	4.0	10	20	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 19:23	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 03:32	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP



Sample Information

Client Sample ID: FRW1-200831

York Sample ID: 20I0209-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 5:00 pm

09/03/2020

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
127-18-4	Tetrachloroethylene	0.30	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
108-88-3	Toluene	0.61		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
156-60-5	trans-1,2-Dichloroethylene	1.6	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
79-01-6	Trichloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
75-01-4	Vinyl Chloride	8.5		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 03:32	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.5 %	79-122								

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	8800		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:31	RB
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:31	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:31	RB



Sample Information

Client Sample ID: FRW1-200831

York Sample ID: 20I0209-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 31, 2020 5:00 pm

09/03/2020

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	1120		mg/L	13.9	50	EPA 200.7	09/08/2020 14:10	09/10/2020 12:48	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0	09/10/2020 15:12	09/11/2020 13:09	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0	09/10/2020 15:12	09/11/2020 13:09	MAO
							Certifications:	NELAC-NY10854,CTDOH,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	09/10/2020 15:12	09/11/2020 13:09	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1110		mg/L	100	100	SM 5310C	09/09/2020 08:46	09/09/2020 14:03	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 10:54	09/09/2020 19:48	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 19:48	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
78-93-3	2-Butanone	220		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 03:58	TMP



Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

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: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
591-78-6	2-Hexanone	7.1	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
67-64-1	Acetone	80		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-15-0	Carbon disulfide	0.85		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
156-59-2	cis-1,2-Dichloroethylene	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP



Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 19:48	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 19:48	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
127-18-4	Tetrachloroethylene	7.0		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
79-01-6	Trichloroethylene	0.49	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 19:48	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 10:54	09/09/2020 19:48	TMP
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.3 %			79-122						

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	2100		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:42	RB
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:42	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 14:42	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	297		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:51	KML

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 14:53	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,PADEP	09/10/2020 15:12	09/11/2020 14:53	MAO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: MW98-01A-200901

York Sample ID: 20I0209-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 10:25 am

09/03/2020

Sulfate as SO₄

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 14:53	MAO

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	737		mg/L	10.0	10	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/09/2020 08:46	09/09/2020 14:03	JAG

Sample Information

Client Sample ID: MW98-05A-200901

York Sample ID: 20I0209-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Harbor/Frmr Rowe Ind.

Water

September 1, 2020 12:55 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
75-34-3	1,1-Dichloroethane	0.37	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 04:23	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP



Sample Information

Client Sample ID: MW98-05A-200901

York Sample ID: 20I0209-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 12:55 pm

09/03/2020

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
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
78-93-3	2-Butanone	270		ug/L	2.0	5.0	10	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 20:14	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
591-78-6	2-Hexanone	8.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
108-10-1	4-Methyl-2-pentanone	1.3		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
67-64-1	Acetone	120	B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP



Sample Information

Client Sample ID: MW98-05A-200901

York Sample ID: 20I0209-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 12:55 pm

09/03/2020

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
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
156-59-2	cis-1,2-Dichloroethylene	120		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:23	TMP



Sample Information

Client Sample ID: MW98-05A-200901

York Sample ID: 20I0209-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 12:55 pm

09/03/2020

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
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:23	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
127-18-4	Tetrachloroethylene	2.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
79-01-6	Trichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
75-01-4	Vinyl Chloride	4.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:23	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 04:23	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.7 %	79-122								

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	20000		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:42	RB
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:42	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:42	RB



Sample Information

Client Sample ID: MW98-05A-200901

York Sample ID: 20I0209-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 12:55 pm

09/03/2020

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	438		mg/L	13.9	50	EPA 200.7	09/08/2020 14:10	09/10/2020 12:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-8	Nitrate as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0	09/10/2020 15:12	09/11/2020 15:22	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0	09/10/2020 15:12	09/11/2020 15:22	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	09/10/2020 15:12	09/11/2020 15:22	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	856		mg/L	10.0	10	SM 5310C	09/09/2020 08:46	09/09/2020 14:03	JAG
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: MW45A-200901

York Sample ID: 20I0209-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 3:35 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW45A-200901

York Sample ID: 20I0209-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 3:35 pm

09/03/2020

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 04:49	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:49	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP



Sample Information

Client Sample ID: MW45A-200901

York Sample ID: 20I0209-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 3:35 pm

09/03/2020

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:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 04:49	TMP



Sample Information

Client Sample ID: MW45A-200901

York Sample ID: 20I0209-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 3:35 pm

09/03/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:49	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 04:49	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 04:49	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 04:49	TMP

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: MW45A-200901

York Sample ID: 20I0209-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 3:35 pm

09/03/2020

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	115 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: MW45B-200901

York Sample ID: 20I0209-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 5:05 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 10:54	09/09/2020 20:40	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 20:40	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP



Sample Information

Client Sample ID: MW45B-200901

York Sample ID: 20I0209-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 5:05 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
78-93-3	2-Butanone	10		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
67-64-1	Acetone	2.2		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-15-0	Carbon disulfide	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP



Sample Information

Client Sample ID: MW45B-200901

York Sample ID: 20I0209-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 5:05 pm

09/03/2020

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/03/2020 10:54 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 20:40	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54	09/09/2020 20:40	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/03/2020 10:54 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 20:40	TMP



Sample Information

Client Sample ID: MW45B-200901

York Sample ID: 20I0209-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 5:05 pm

09/03/2020

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
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/03/2020 10:54	09/09/2020 20:40	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/03/2020 10:54	09/09/2020 20:40	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.6 %	79-122								

Sample Information

Client Sample ID: MW44B-200902

York Sample ID: 20I0209-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 9:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP



Sample Information

Client Sample ID: MW44B-200902

York Sample ID: 20I0209-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 9:55 am

09/03/2020

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 05:40	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 05:40	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 05:40	TMP



Sample Information

Client Sample ID: MW44B-200902

York Sample ID: 20I0209-07

York Project (SDG) No.

Client Project ID

Matrix

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20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 9:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
67-66-3	Chloroform	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP



Sample Information

Client Sample ID: MW44B-200902

York Sample ID: 20I0209-07

York Project (SDG) No.

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1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 9:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 05:40	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 05:40	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 05:40	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 05:40	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								



Sample Information

Client Sample ID: MW44B-200902

York Sample ID: 20I0209-07

York Project (SDG) No.

Client Project ID

Matrix

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20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 9:55 am

09/03/2020

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
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						

Sample Information

Client Sample ID: MW44C-200902

York Sample ID: 20I0209-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 11:25 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 06:05	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:05	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP



Sample Information

Client Sample ID: MW44C-200902

York Sample ID: 20I0209-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 11:25 am

09/03/2020

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP



Sample Information

Client Sample ID: MW44C-200902

York Sample ID: 20I0209-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 11:25 am

09/03/2020

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
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:05	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:05	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:05	TMP



Sample Information

Client Sample ID: MW44C-200902

York Sample ID: 20I0209-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 11:25 am

09/03/2020

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:05	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 06:05	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %	79-122								

Sample Information

Client Sample ID: MW44A-200902

York Sample ID: 20I0209-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 12:40 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:31	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:31	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:31	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 06:31	TMP



Sample Information

Client Sample ID: MW44A-200902

York Sample ID: 20I0209-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 12:40 pm

09/03/2020

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
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 06:31	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:31	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP



Sample Information

Client Sample ID: MW44A-200902

York Sample ID: 20I0209-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 12:40 pm

09/03/2020

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
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
67-66-3	Chloroform	0.52		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP



Sample Information

Client Sample ID: MW44A-200902

York Sample ID: 20I0209-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 12:40 pm

09/03/2020

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:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:31	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:31	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:31	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 06:31	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.4 %	79-122								



Sample Information

Client Sample ID: N32-200902

York Sample ID: 20I0209-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 4:20 pm

09/03/2020

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:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 06:57	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP



Sample Information

Client Sample ID: N32-200902

York Sample ID: 20I0209-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 4:20 pm

09/03/2020

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
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
67-66-3	Chloroform	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP



Sample Information

Client Sample ID: N32-200902

York Sample ID: 20I0209-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 4:20 pm

09/03/2020

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
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:57	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 06:57	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 06:57	TMP



Sample Information

Client Sample ID: N32-200902

York Sample ID: 20I0209-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 4:20 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 06:57	TMP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	114 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.1 %		79-122							

Sample Information

Client Sample ID: N32B-200902

York Sample ID: 20I0209-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 5:25 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 07:22	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:22	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP



Sample Information

Client Sample ID: N32B-200902

York Sample ID: 20I0209-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 5:25 pm

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP



Sample Information

Client Sample ID: N32B-200902

York Sample ID: 20I0209-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 5:25 pm

09/03/2020

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
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:22	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:22	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:22	TMP



Sample Information

Client Sample ID: N32B-200902

York Sample ID: 20I0209-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 2, 2020 5:25 pm

09/03/2020

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:22	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 07:22	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.6 %	79-122								

Sample Information

Client Sample ID: MW59B-200903

York Sample ID: 20I0209-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:25 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 07:48	TMP



Sample Information

Client Sample ID: MW59B-200903

York Sample ID: 20I0209-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:25 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 07:48	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:48	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP



Sample Information

Client Sample ID: MW59B-200903

York Sample ID: 20I0209-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:25 am

09/03/2020

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:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
67-66-3	Chloroform	0.94		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP



Sample Information

Client Sample ID: MW59B-200903

York Sample ID: 20I0209-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:25 am

09/03/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:48	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 07:48	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 07:48	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 07:48	TMP

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: MW59B-200903

York Sample ID: 20I0209-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:25 am

09/03/2020

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

Sample Information

Client Sample ID: FB01-200901

York Sample ID: 20I0209-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 11:50 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 02:41	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:41	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP



Sample Information

Client Sample ID: FB01-200901

York Sample ID: 20I0209-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 11:50 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP



Sample Information

Client Sample ID: FB01-200901

York Sample ID: 20I0209-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 11:50 am

09/03/2020

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
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:41	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:41	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:41	TMP



Sample Information

Client Sample ID: FB01-200901

York Sample ID: 20I0209-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 11:50 am

09/03/2020

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
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:41	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 02:41	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.9 %	79-122								

Methane, Ethane & Ethylene

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation for GC Analysis

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-82-8	* Methane	ND		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:52	RB
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:52	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	09/08/2020 13:27	09/08/2020 15:52	RB

Iron, Dissolved by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	13.9	50	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/08/2020 14:10	09/10/2020 12:57	KML



Sample Information

Client Sample ID: FB01-200901

York Sample ID: 20I0209-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 1, 2020 11:50 am

09/03/2020

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 15:51	MAO

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND	HT-01R	mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,PADEP	09/10/2020 15:12	09/11/2020 15:51	MAO

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/10/2020 15:12	09/11/2020 15:51	MAO

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1.06		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	09/09/2020 08:46	09/09/2020 14:03	JAG

Sample Information

Client Sample ID: MW59A-200903

York Sample ID: 20I0209-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP



Sample Information

Client Sample ID: MW59A-200903

York Sample ID: 20I0209-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:55 am

09/03/2020

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP	09/09/2020 08:13	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 08:13	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP



Sample Information

Client Sample ID: MW59A-200903

York Sample ID: 20I0209-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
67-64-1	Acetone	3.6	B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 08:13	TMP



Sample Information

Client Sample ID: MW59A-200903

York Sample ID: 20I0209-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:55 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 08:13	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 08:13	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 08:13	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 08:13	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	119 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	81-117								



Sample Information

Client Sample ID: MW59A-200903

York Sample ID: 20I0209-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 10:55 am

09/03/2020

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
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.8 %			79-122						

Sample Information

Client Sample ID: TB01-200903

York Sample ID: 20I0209-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 12:00 am

09/03/2020

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 02:15	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:15	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP



Sample Information

Client Sample ID: TB01-200903

York Sample ID: 20I0209-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 12:00 am

09/03/2020

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP



Sample Information

Client Sample ID: TB01-200903

York Sample ID: 20I0209-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 12:00 am

09/03/2020

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
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/08/2020 06:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:15	TMP
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32	09/09/2020 02:15	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/08/2020 06:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/09/2020 02:15	TMP



Sample Information

Client Sample ID: TB01-200903

York Sample ID: 20I0209-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20I0209

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

September 3, 2020 12:00 am

09/03/2020

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
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/08/2020 06:32	09/09/2020 02:15	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/08/2020 06:32	09/09/2020 02:15	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %	79-122								



Analytical Batch Summary

Batch ID: BI00372 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01	FRW4-200831	09/08/20
20I0209-02	FRW1-200831	09/08/20
20I0209-03	MW98-01A-200901	09/08/20
20I0209-04	MW98-05A-200901	09/08/20
20I0209-13	FB01-200901	09/08/20
BI00372-BLK1	Blank	09/08/20
BI00372-DUP1	Duplicate	09/08/20

Batch ID: BI00373 **Preparation Method:** EPA 200.7 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01	FRW4-200831	09/08/20
20I0209-02	FRW1-200831	09/08/20
20I0209-03	MW98-01A-200901	09/08/20
20I0209-04	MW98-05A-200901	09/08/20
20I0209-13	FB01-200901	09/08/20

Batch ID: BI00416 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01	FRW4-200831	09/09/20
20I0209-02	FRW1-200831	09/09/20
20I0209-03	MW98-01A-200901	09/09/20
20I0209-04	MW98-05A-200901	09/09/20
20I0209-13	FB01-200901	09/09/20
BI00416-BLK1	Blank	09/09/20
BI00416-BS1	LCS	09/09/20
BI00416-DUP1	Duplicate	09/09/20

Batch ID: BI00428 **Preparation Method:** EPA 5030B **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01	FRW4-200831	09/08/20
20I0209-02	FRW1-200831	09/08/20
20I0209-03RE1	MW98-01A-200901	09/03/20
20I0209-04	MW98-05A-200901	09/08/20
20I0209-05	MW45A-200901	09/08/20
20I0209-07	MW44B-200902	09/08/20
20I0209-08	MW44C-200902	09/08/20
20I0209-09	MW44A-200902	09/08/20
20I0209-10	N32-200902	09/08/20
20I0209-11	N32B-200902	09/08/20
20I0209-12	MW59B-200903	09/08/20
20I0209-13	FB01-200901	09/08/20



20I0209-14	MW59A-200903	09/08/20
20I0209-15	TB01-200903	09/08/20
BI00428-BLK1	Blank	09/08/20
BI00428-BS1	LCS	09/08/20
BI00428-BSD1	LCS Dup	09/08/20
BI00428-MS1	Matrix Spike	09/08/20
BI00428-MSD1	Matrix Spike Dup	09/08/20

Batch ID: BI00429 **Preparation Method:** EPA 5030B **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01RE1	FRW4-200831	09/08/20
20I0209-02RE1	FRW1-200831	09/08/20
20I0209-03	MW98-01A-200901	09/03/20
20I0209-04RE1	MW98-05A-200901	09/08/20
20I0209-06	MW45B-200901	09/03/20
BI00429-BLK1	Blank	09/09/20
BI00429-BS1	LCS	09/09/20
BI00429-BSD1	LCS Dup	09/09/20

Batch ID: BI00629 **Preparation Method:** EPA 300 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20I0209-01	FRW4-200831	09/10/20
20I0209-02	FRW1-200831	09/10/20
20I0209-03	MW98-01A-200901	09/10/20
20I0209-04	MW98-05A-200901	09/10/20
20I0209-13	FB01-200901	09/10/20
BI00629-BLK1	Blank	09/10/20
BI00629-BS1	LCS	09/10/20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00428 - EPA 5030B

Blank (BI00428-BLK1)

Prepared: 09/08/2020 Analyzed: 09/09/2020

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	"
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	1.0	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 disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
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	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00428 - EPA 5030B

Blank (BI00428-BLK1)

Prepared: 09/08/2020 Analyzed: 09/09/2020

Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Diethylbenzene	ND	0.50	"
p-Ethyltoluene	ND	0.50	"
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: SURR: 1,2-Dichloroethane-d4	10.9	"	10.0	109	69-130
Surrogate: SURR: Toluene-d8	10.3	"	10.0	103	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.82	"	10.0	98.2	79-122

LCS (BI00428-BS1)

Prepared & Analyzed: 09/08/2020

1,1,1,2-Tetrachloroethane	9.84	ug/L	10.0	98.4	82-126
1,1,1-Trichloroethane	9.65	"	10.0	96.5	78-136
1,1,2,2-Tetrachloroethane	8.85	"	10.0	88.5	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.21	"	10.0	92.1	54-165
1,1,2-Trichloroethane	9.09	"	10.0	90.9	82-123
1,1-Dichloroethane	8.74	"	10.0	87.4	82-129
1,1-Dichloroethylene	9.09	"	10.0	90.9	68-138
1,1-Dichloropropylene	9.12	"	10.0	91.2	83-133
1,2,3-Trichlorobenzene	8.87	"	10.0	88.7	76-136
1,2,3-Trichloropropane	9.35	"	10.0	93.5	77-128
1,2,4,5-Tetramethylbenzene	9.57	"	10.0	95.7	85-140
1,2,4-Trichlorobenzene	9.10	"	10.0	91.0	76-137
1,2,4-Trimethylbenzene	9.83	"	10.0	98.3	82-132
1,2-Dibromo-3-chloropropane	8.76	"	10.0	87.6	45-147
1,2-Dibromoethane	9.15	"	10.0	91.5	83-124
1,2-Dichlorobenzene	9.52	"	10.0	95.2	79-123
1,2-Dichloroethane	8.98	"	10.0	89.8	73-132
1,2-Dichloropropane	8.80	"	10.0	88.0	78-126
1,3,5-Trimethylbenzene	9.91	"	10.0	99.1	80-131
1,3-Dichlorobenzene	9.44	"	10.0	94.4	86-122
1,3-Dichloropropane	9.06	"	10.0	90.6	81-125
1,4-Dichlorobenzene	9.52	"	10.0	95.2	85-124
2,2-Dichloropropane	10.0	"	10.0	100	56-150
2-Butanone	10.4	"	10.0	104	49-152



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00428 - EPA 5030B

LCS (BI00428-BS1)

Prepared & Analyzed: 09/08/2020

2-Chlorotoluene	9.29		ug/L	10.0		92.9	79-130				
2-Hexanone	8.86		"	10.0		88.6	51-146				
4-Chlorotoluene	9.42		"	10.0		94.2	79-128				
4-Methyl-2-pentanone	8.50		"	10.0		85.0	57-145				
Acetone	9.20		"	10.0		92.0	14-150				
Benzene	9.08		"	10.0		90.8	85-126				
Bromobenzene	9.13		"	10.0		91.3	78-129				
Bromochloromethane	8.30		"	10.0		83.0	77-128				
Bromodichloromethane	9.45		"	10.0		94.5	79-128				
Bromoform	8.80		"	10.0		88.0	78-133				
Bromomethane	4.50		"	10.0		45.0	43-168				
Carbon disulfide	8.60		"	10.0		86.0	68-146				
Carbon tetrachloride	9.67		"	10.0		96.7	77-141				
Chlorobenzene	9.53		"	10.0		95.3	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	9.22		"	10.0		92.2	82-128				
Chloromethane	7.31		"	10.0		73.1	43-155				
cis-1,2-Dichloroethylene	9.08		"	10.0		90.8	83-129				
cis-1,3-Dichloropropylene	9.23		"	10.0		92.3	80-131				
Dibromochloromethane	9.44		"	10.0		94.4	80-130				
Dibromomethane	8.89		"	10.0		88.9	72-134				
Dichlorodifluoromethane	7.58		"	10.0		75.8	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.66		"	10.0		96.6	67-146				
Isopropylbenzene	9.63		"	10.0		96.3	76-140				
Methyl tert-butyl ether (MTBE)	8.98		"	10.0		89.8	76-135				
Methylene chloride	8.30		"	10.0		83.0	55-137				
Naphthalene	8.35		"	10.0		83.5	70-147				
n-Butylbenzene	10.1		"	10.0		101	79-132				
n-Propylbenzene	9.64		"	10.0		96.4	78-133				
o-Xylene	9.85		"	10.0		98.5	78-130				
p- & m- Xylenes	19.9		"	20.0		99.6	77-133				
p-Diethylbenzene	11.0		"	10.0		110	84-134				
p-Ethyltoluene	9.83		"	10.0		98.3	88-129				
p-Isopropyltoluene	9.98		"	10.0		99.8	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butylbenzene	8.63		"	10.0		86.3	77-138				
Tetrachloroethylene	9.88		"	10.0		98.8	82-131				
Toluene	9.61		"	10.0		96.1	80-127				
trans-1,2-Dichloroethylene	9.06		"	10.0		90.6	80-132				
trans-1,3-Dichloropropylene	8.96		"	10.0		89.6	78-131				
Trichloroethylene	9.74		"	10.0		97.4	82-128				
Trichlorofluoromethane	9.70		"	10.0		97.0	67-139				
Vinyl Chloride	8.37		"	10.0		83.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.80		"	10.0		98.0	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 BI00428 - EPA 5030B											
LCS Dup (BI00428-BS1)						Prepared & Analyzed: 09/08/2020					
1,1,1,2-Tetrachloroethane	9.65		ug/L	10.0		96.5	82-126		1.95	30	
1,1,1-Trichloroethane	9.16		"	10.0		91.6	78-136		5.21	30	
1,1,2,2-Tetrachloroethane	9.17		"	10.0		91.7	76-129		3.55	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.68		"	10.0		86.8	54-165		5.93	30	
1,1,2-Trichloroethane	8.61		"	10.0		86.1	82-123		5.42	30	
1,1-Dichloroethane	8.36		"	10.0		83.6	82-129		4.44	30	
1,1-Dichloroethylene	8.52		"	10.0		85.2	68-138		6.47	30	
1,1-Dichloropropylene	8.76		"	10.0		87.6	83-133		4.03	30	
1,2,3-Trichlorobenzene	8.73		"	10.0		87.3	76-136		1.59	30	
1,2,3-Trichloropropane	9.53		"	10.0		95.3	77-128		1.91	30	
1,2,4,5-Tetramethylbenzene	9.36		"	10.0		93.6	85-140		2.22	30	
1,2,4-Trichlorobenzene	9.15		"	10.0		91.5	76-137		0.548	30	
1,2,4-Trimethylbenzene	9.99		"	10.0		99.9	82-132		1.61	30	
1,2-Dibromo-3-chloropropane	8.76		"	10.0		87.6	45-147		0.00	30	
1,2-Dibromoethane	8.81		"	10.0		88.1	83-124		3.79	30	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	79-123		2.18	30	
1,2-Dichloroethane	8.84		"	10.0		88.4	73-132		1.57	30	
1,2-Dichloropropane	8.56		"	10.0		85.6	78-126		2.76	30	
1,3,5-Trimethylbenzene	9.82		"	10.0		98.2	80-131		0.912	30	
1,3-Dichlorobenzene	9.48		"	10.0		94.8	86-122		0.423	30	
1,3-Dichloropropane	8.81		"	10.0		88.1	81-125		2.80	30	
1,4-Dichlorobenzene	9.50		"	10.0		95.0	85-124		0.210	30	
2,2-Dichloropropane	9.46		"	10.0		94.6	56-150		5.75	30	
2-Butanone	9.86		"	10.0		98.6	49-152		5.14	30	
2-Chlorotoluene	9.42		"	10.0		94.2	79-130		1.39	30	
2-Hexanone	9.06		"	10.0		90.6	51-146		2.23	30	
4-Chlorotoluene	9.42		"	10.0		94.2	79-128		0.00	30	
4-Methyl-2-pentanone	8.73		"	10.0		87.3	57-145		2.67	30	
Acetone	9.30		"	10.0		93.0	14-150		1.08	30	
Benzene	8.52		"	10.0		85.2	85-126		6.36	30	
Bromobenzene	9.30		"	10.0		93.0	78-129		1.84	30	
Bromochloromethane	8.03		"	10.0		80.3	77-128		3.31	30	
Bromodichloromethane	9.08		"	10.0		90.8	79-128		3.99	30	
Bromoform	8.72		"	10.0		87.2	78-133		0.913	30	
Bromomethane	4.24		"	10.0		42.4	43-168	Low Bias	5.95	30	
Carbon disulfide	8.06		"	10.0		80.6	68-146		6.48	30	
Carbon tetrachloride	9.23		"	10.0		92.3	77-141		4.66	30	
Chlorobenzene	9.20		"	10.0		92.0	88-120		3.52	30	
Chloroethane	9.63		"	10.0		96.3	65-136		7.40	30	
Chloroform	8.79		"	10.0		87.9	82-128		4.78	30	
Chloromethane	6.90		"	10.0		69.0	43-155		5.77	30	
cis-1,2-Dichloroethylene	8.63		"	10.0		86.3	83-129		5.08	30	
cis-1,3-Dichloropropylene	8.89		"	10.0		88.9	80-131		3.75	30	
Dibromochloromethane	9.13		"	10.0		91.3	80-130		3.34	30	
Dibromomethane	8.63		"	10.0		86.3	72-134		2.97	30	
Dichlorodifluoromethane	7.10		"	10.0		71.0	44-144		6.54	30	
Ethyl Benzene	9.64		"	10.0		96.4	80-131		4.07	30	
Hexachlorobutadiene	9.42		"	10.0		94.2	67-146		2.52	30	
Isopropylbenzene	9.42		"	10.0		94.2	76-140		2.20	30	
Methyl tert-butyl ether (MTBE)	8.64		"	10.0		86.4	76-135		3.86	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00428 - EPA 5030B

LCS Dup (BI00428-BSD1)

Prepared & Analyzed: 09/08/2020

Methylene chloride	7.89		ug/L	10.0		78.9	55-137		5.06	30	
Naphthalene	8.62		"	10.0		86.2	70-147		3.18	30	
n-Butylbenzene	9.54		"	10.0		95.4	79-132		5.80	30	
n-Propylbenzene	9.56		"	10.0		95.6	78-133		0.833	30	
o-Xylene	9.45		"	10.0		94.5	78-130		4.15	30	
p- & m- Xylenes	19.2		"	20.0		96.0	77-133		3.68	30	
p-Diethylbenzene	10.9		"	10.0		109	84-134		1.55	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		3.79	30	
p-Isopropyltoluene	9.85		"	10.0		98.5	81-136		1.31	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		1.45	30	
Styrene	9.73		"	10.0		97.3	67-132		4.72	30	
tert-Butylbenzene	8.64		"	10.0		86.4	77-138		0.116	30	
Tetrachloroethylene	9.45		"	10.0		94.5	82-131		4.45	30	
Toluene	9.20		"	10.0		92.0	80-127		4.36	30	
trans-1,2-Dichloroethylene	8.79		"	10.0		87.9	80-132		3.03	30	
trans-1,3-Dichloropropylene	8.58		"	10.0		85.8	78-131		4.33	30	
Trichloroethylene	9.12		"	10.0		91.2	82-128		6.57	30	
Trichlorofluoromethane	9.33		"	10.0		93.3	67-139		3.89	30	
Vinyl Chloride	7.87		"	10.0		78.7	58-145		6.16	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

Matrix Spike (BI00428-MS1)

*Source sample: 20I0209-05 (MW45A-200901)

Prepared: 09/08/2020 Analyzed: 09/09/2020

1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0	0.00	109	45-161				
1,1,1-Trichloroethane	11.2		"	10.0	0.00	112	70-146				
1,1,2,2-Tetrachloroethane	9.75		"	10.0	0.00	97.5	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.30		"	10.0	0.00	93.0	21-217				
1,1,2-Trichloroethane	10.0		"	10.0	0.00	100	59-146				
1,1-Dichloroethane	9.74		"	10.0	0.00	97.4	54-146				
1,1-Dichloroethylene	10.0		"	10.0	0.00	100	44-165				
1,1-Dichloropropylene	9.83		"	10.0	0.00	98.3	82-134				
1,2,3-Trichlorobenzene	8.07		"	10.0	0.00	80.7	40-161				
1,2,3-Trichloropropane	11.1		"	10.0	0.00	111	74-127				
1,2,4,5-Tetramethylbenzene	8.86		"	10.0	0.00	88.6	27-190				
1,2,4-Trichlorobenzene	8.22		"	10.0	0.00	82.2	41-161				
1,2,4-Trimethylbenzene	10.1		"	10.0	0.00	101	72-129				
1,2-Dibromo-3-chloropropane	9.13		"	10.0	0.00	91.3	31-151				
1,2-Dibromoethane	10.0		"	10.0	0.00	100	75-125				
1,2-Dichlorobenzene	9.87		"	10.0	0.00	98.7	63-122				
1,2-Dichloroethane	10.6		"	10.0	0.00	106	68-131				
1,2-Dichloropropane	9.85		"	10.0	0.00	98.5	77-121				
1,3,5-Trimethylbenzene	10.1		"	10.0	0.00	101	69-126				
1,3-Dichlorobenzene	9.53		"	10.0	0.00	95.3	74-119				
1,3-Dichloropropane	10.1		"	10.0	0.00	101	77-119				
1,4-Dichlorobenzene	9.68		"	10.0	0.00	96.8	70-124				
2,2-Dichloropropane	10.1		"	10.0	0.00	101	10-160				
2-Butanone	11.1		"	10.0	0.00	111	10-193				
2-Chlorotoluene	9.92		"	10.0	0.00	99.2	70-126				
2-Hexanone	10.2		"	10.0	0.00	102	53-133				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00428 - EPA 5030B

Matrix Spike (BI00428-MS1)	*Source sample: 2010209-05 (MW45A-200901)					Prepared: 09/08/2020 Analyzed: 09/09/2020					
4-Chlorotoluene	9.67		ug/L	10.0	0.00	96.7	69-124				
4-Methyl-2-pentanone	9.54		"	10.0	0.00	95.4	38-150				
Acetone	9.64		"	10.0	0.00	96.4	13-149				
Benzene	9.87		"	10.0	0.00	98.7	38-155				
Bromobenzene	10.1		"	10.0	0.00	101	72-122				
Bromochloromethane	9.48		"	10.0	0.00	94.8	75-121				
Bromodichloromethane	10.7		"	10.0	0.00	107	70-129				
Bromoform	9.64		"	10.0	0.00	96.4	66-136				
Bromomethane	3.76		"	10.0	0.00	37.6	30-158				
Carbon disulfide	8.94		"	10.0	0.00	89.4	10-138				
Carbon tetrachloride	11.3		"	10.0	0.00	113	71-146				
Chlorobenzene	10.3		"	10.0	0.00	103	81-117				
Chloroethane	10.6		"	10.0	0.00	106	51-145				
Chloroform	10.4		"	10.0	0.00	104	80-124				
Chloromethane	7.89		"	10.0	0.00	78.9	16-163				
cis-1,2-Dichloroethylene	9.99		"	10.0	0.00	99.9	76-125				
cis-1,3-Dichloropropylene	9.92		"	10.0	0.00	99.2	58-131				
Dibromochloromethane	10.4		"	10.0	0.00	104	71-129				
Dibromomethane	9.87		"	10.0	0.00	98.7	76-120				
Dichlorodifluoromethane	7.81		"	10.0	0.00	78.1	30-147				
Ethyl Benzene	10.7		"	10.0	0.00	107	72-128				
Hexachlorobutadiene	8.28		"	10.0	0.00	82.8	34-166				
Isopropylbenzene	10.0		"	10.0	0.00	100	66-139				
Methyl tert-butyl ether (MTBE)	9.78		"	10.0	0.00	97.8	75-128				
Methylene chloride	9.66		"	10.0	0.00	96.6	57-128				
Naphthalene	8.53		"	10.0	0.00	85.3	39-158				
n-Butylbenzene	8.83		"	10.0	0.00	88.3	61-138				
n-Propylbenzene	9.61		"	10.0	0.00	96.1	66-134				
o-Xylene	10.6		"	10.0	0.00	106	69-126				
p- & m- Xylenes	21.1		"	20.0	0.00	105	67-130				
p-Diethylbenzene	9.97		"	10.0	0.00	99.7	52-150				
p-Ethyltoluene	10.1		"	10.0	0.00	101	76-127				
p-Isopropyltoluene	9.56		"	10.0	0.00	95.6	64-137				
sec-Butylbenzene	10.2		"	10.0	0.00	102	53-155				
Styrene	10.8		"	10.0	0.00	108	69-125				
tert-Butylbenzene	9.07		"	10.0	0.00	90.7	65-139				
Tetrachloroethylene	9.84		"	10.0	0.00	98.4	64-139				
Toluene	10.3		"	10.0	0.00	103	76-123				
trans-1,2-Dichloroethylene	10.0		"	10.0	0.00	100	79-131				
trans-1,3-Dichloropropylene	9.62		"	10.0	0.00	96.2	55-130				
Trichloroethylene	10.3		"	10.0	0.00	103	53-145				
Trichlorofluoromethane	11.3		"	10.0	0.00	113	61-142				
Vinyl Chloride	8.98		"	10.0	0.00	89.8	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	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 BI00428 - EPA 5030B											
Matrix Spike Dup (BI00428-MSD1)	*Source sample: 2010209-05 (MW45A-200901)						Prepared: 09/08/2020 Analyzed: 09/09/2020				
1,1,1,2-Tetrachloroethane	11.1		ug/L	10.0	0.00	111	45-161		1.09	30	
1,1,1-Trichloroethane	11.5		"	10.0	0.00	115	70-146		2.11	30	
1,1,2,2-Tetrachloroethane	9.87		"	10.0	0.00	98.7	74-121		1.22	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.86		"	10.0	0.00	98.6	21-217		5.85	30	
1,1,2-Trichloroethane	10.1		"	10.0	0.00	101	59-146		0.995	30	
1,1-Dichloroethane	9.81		"	10.0	0.00	98.1	54-146		0.716	30	
1,1-Dichloroethylene	10.5		"	10.0	0.00	105	44-165		4.39	30	
1,1-Dichloropropylene	10.3		"	10.0	0.00	103	82-134		4.96	30	
1,2,3-Trichlorobenzene	8.80		"	10.0	0.00	88.0	40-161		8.65	30	
1,2,3-Trichloropropane	11.5		"	10.0	0.00	115	74-127		4.07	30	
1,2,4,5-Tetramethylbenzene	9.66		"	10.0	0.00	96.6	27-190		8.64	30	
1,2,4-Trichlorobenzene	9.15		"	10.0	0.00	91.5	41-161		10.7	30	
1,2,4-Trimethylbenzene	10.8		"	10.0	0.00	108	72-129		6.53	30	
1,2-Dibromo-3-chloropropane	9.03		"	10.0	0.00	90.3	31-151		1.10	30	
1,2-Dibromoethane	10.1		"	10.0	0.00	101	75-125		1.09	30	
1,2-Dichlorobenzene	10.7		"	10.0	0.00	107	63-122		7.88	30	
1,2-Dichloroethane	10.9		"	10.0	0.00	109	68-131		2.97	30	
1,2-Dichloropropane	9.93		"	10.0	0.00	99.3	77-121		0.809	30	
1,3,5-Trimethylbenzene	10.9		"	10.0	0.00	109	69-126		7.79	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		5.51	30	
1,3-Dichloropropane	10.4		"	10.0	0.00	104	77-119		2.84	30	
1,4-Dichlorobenzene	10.2		"	10.0	0.00	102	70-124		5.52	30	
2,2-Dichloropropane	10.1		"	10.0	0.00	101	10-160		0.00	30	
2-Butanone	10.1		"	10.0	0.00	101	10-193		10.0	30	
2-Chlorotoluene	10.5		"	10.0	0.00	105	70-126		6.06	30	
2-Hexanone	10.2		"	10.0	0.00	102	53-133		0.490	30	
4-Chlorotoluene	10.6		"	10.0	0.00	106	69-124		8.80	30	
4-Methyl-2-pentanone	10.1		"	10.0	0.00	101	38-150		5.31	30	
Acetone	10.6		"	10.0	0.00	106	13-149		9.96	30	
Benzene	9.98		"	10.0	0.00	99.8	38-155		1.11	30	
Bromobenzene	10.5		"	10.0	0.00	105	72-122		3.99	30	
Bromochloromethane	9.40		"	10.0	0.00	94.0	75-121		0.847	30	
Bromodichloromethane	10.9		"	10.0	0.00	109	70-129		1.95	30	
Bromoform	9.98		"	10.0	0.00	99.8	66-136		3.47	30	
Bromomethane	4.60		"	10.0	0.00	46.0	30-158		20.1	30	
Carbon disulfide	9.23		"	10.0	0.00	92.3	10-138		3.19	30	
Carbon tetrachloride	11.6		"	10.0	0.00	116	71-146		2.71	30	
Chlorobenzene	10.6		"	10.0	0.00	106	81-117		2.20	30	
Chloroethane	11.1		"	10.0	0.00	111	51-145		4.87	30	
Chloroform	10.6		"	10.0	0.00	106	80-124		1.62	30	
Chloromethane	8.00		"	10.0	0.00	80.0	16-163		1.38	30	
cis-1,2-Dichloroethylene	10.2		"	10.0	0.00	102	76-125		1.98	30	
cis-1,3-Dichloropropylene	9.98		"	10.0	0.00	99.8	58-131		0.603	30	
Dibromochloromethane	10.8		"	10.0	0.00	108	71-129		3.96	30	
Dibromomethane	9.99		"	10.0	0.00	99.9	76-120		1.21	30	
Dichlorodifluoromethane	8.48		"	10.0	0.00	84.8	30-147		8.23	30	
Ethyl Benzene	11.1		"	10.0	0.00	111	72-128		3.76	30	
Hexachlorobutadiene	9.23		"	10.0	0.00	92.3	34-166		10.9	30	
Isopropylbenzene	10.8		"	10.0	0.00	108	66-139		7.56	30	
Methyl tert-butyl ether (MTBE)	9.83		"	10.0	0.00	98.3	75-128		0.510	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	Limit	Flag
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Batch BI00428 - EPA 5030B

Matrix Spike Dup (BI00428-MSD1)		*Source sample: 2010209-05 (MW45A-200901)				Prepared: 09/08/2020 Analyzed: 09/09/2020					
Methylene chloride	9.85		ug/L	10.0	0.00	98.5	57-128		1.95	30	
Naphthalene	8.95		"	10.0	0.00	89.5	39-158		4.81	30	
n-Butylbenzene	9.49		"	10.0	0.00	94.9	61-138		7.21	30	
n-Propylbenzene	10.5		"	10.0	0.00	105	66-134		8.95	30	
o-Xylene	10.8		"	10.0	0.00	108	69-126		1.96	30	
p- & m- Xylenes	22.1		"	20.0	0.00	111	67-130		4.77	30	
p-Diethylbenzene	11.1		"	10.0	0.00	111	52-150		11.0	30	
p-Ethyltoluene	11.2		"	10.0	0.00	112	76-127		10.1	30	
p-Isopropyltoluene	10.5		"	10.0	0.00	105	64-137		9.18	30	
sec-Butylbenzene	11.1		"	10.0	0.00	111	53-155		8.06	30	
Styrene	11.0		"	10.0	0.00	110	69-125		1.75	30	
tert-Butylbenzene	9.56		"	10.0	0.00	95.6	65-139		5.26	30	
Tetrachloroethylene	10.9		"	10.0	0.00	109	64-139		10.2	30	
Toluene	10.8		"	10.0	0.00	108	76-123		4.08	30	
trans-1,2-Dichloroethylene	10.5		"	10.0	0.00	105	79-131		4.39	30	
trans-1,3-Dichloropropylene	9.90		"	10.0	0.00	99.0	55-130		2.87	30	
Trichloroethylene	10.8		"	10.0	0.00	108	53-145		4.45	30	
Trichlorofluoromethane	11.7		"	10.0	0.00	117	61-142		3.82	30	
Vinyl Chloride	9.18		"	10.0	0.00	91.8	31-165		2.20	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	10.2		"	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				

Batch BI00429 - EPA 5030B

Blank (BI00429-BLK1)		Prepared & Analyzed: 09/09/2020									
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	"								
1,2,4,5-Tetramethylbenzene	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-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00429 - EPA 5030B

Blank (BI00429-BLK1)

Prepared & Analyzed: 09/09/2020

2-Hexanone	ND	0.50	ug/L								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	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 disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
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: SURR: 1,2-Dichloroethane-d4	11.5		"	10.0		115	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	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 BI00429 - EPA 5030B											
LCS (BI00429-BS1)						Prepared & Analyzed: 09/09/2020					
1,1,1,2-Tetrachloroethane	9.37		ug/L	10.0		93.7	82-126				
1,1,1-Trichloroethane	9.54		"	10.0		95.4	78-136				
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43		"	10.0		84.3	54-165				
1,1,2-Trichloroethane	8.45		"	10.0		84.5	82-123				
1,1-Dichloroethane	8.48		"	10.0		84.8	82-129				
1,1-Dichloroethylene	9.04		"	10.0		90.4	68-138				
1,1-Dichloropropylene	9.05		"	10.0		90.5	83-133				
1,2,3-Trichlorobenzene	8.61		"	10.0		86.1	76-136				
1,2,3-Trichloropropane	9.75		"	10.0		97.5	77-128				
1,2,4,5-Tetramethylbenzene	10.2		"	10.0		102	85-140				
1,2,4-Trichlorobenzene	9.08		"	10.0		90.8	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	8.98		"	10.0		89.8	45-147				
1,2-Dibromoethane	8.39		"	10.0		83.9	83-124				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123				
1,2-Dichloroethane	8.73		"	10.0		87.3	73-132				
1,2-Dichloropropane	8.56		"	10.0		85.6	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,3-Dichloropropane	8.52		"	10.0		85.2	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
2,2-Dichloropropane	11.2		"	10.0		112	56-150				
2-Butanone	6.89		"	10.0		68.9	49-152				
2-Chlorotoluene	10.2		"	10.0		102	79-130				
2-Hexanone	7.27		"	10.0		72.7	51-146				
4-Chlorotoluene	10.4		"	10.0		104	79-128				
4-Methyl-2-pentanone	7.25		"	10.0		72.5	57-145				
Acetone	8.25		"	10.0		82.5	14-150				
Benzene	8.71		"	10.0		87.1	85-126				
Bromobenzene	9.94		"	10.0		99.4	78-129				
Bromochloromethane	7.95		"	10.0		79.5	77-128				
Bromodichloromethane	9.28		"	10.0		92.8	79-128				
Bromoform	7.96		"	10.0		79.6	78-133				
Bromomethane	5.47		"	10.0		54.7	43-168				
Carbon disulfide	8.87		"	10.0		88.7	68-146				
Carbon tetrachloride	9.53		"	10.0		95.3	77-141				
Chlorobenzene	9.36		"	10.0		93.6	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	9.11		"	10.0		91.1	82-128				
Chloromethane	8.89		"	10.0		88.9	43-155				
cis-1,2-Dichloroethylene	9.23		"	10.0		92.3	83-129				
cis-1,3-Dichloropropylene	8.78		"	10.0		87.8	80-131				
Dibromochloromethane	8.72		"	10.0		87.2	80-130				
Dibromomethane	8.11		"	10.0		81.1	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	9.68		"	10.0		96.8	80-131				
Hexachlorobutadiene	10.1		"	10.0		101	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	7.78		"	10.0		77.8	76-135				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00429 - EPA 5030B

LCS (BI00429-BS1)

Prepared & Analyzed: 09/09/2020

Methylene chloride	8.37		ug/L	10.0		83.7	55-137				
Naphthalene	8.36		"	10.0		83.6	70-147				
n-Butylbenzene	10.6		"	10.0		106	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	9.51		"	10.0		95.1	78-130				
p- & m- Xylenes	19.7		"	20.0		98.5	77-133				
p-Diethylbenzene	12.2		"	10.0		122	84-134				
p-Ethyltoluene	12.1		"	10.0		121	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	9.85		"	10.0		98.5	67-132				
tert-Butylbenzene	9.32		"	10.0		93.2	77-138				
Tetrachloroethylene	9.71		"	10.0		97.1	82-131				
Toluene	9.31		"	10.0		93.1	80-127				
trans-1,2-Dichloroethylene	9.41		"	10.0		94.1	80-132				
trans-1,3-Dichloropropylene	8.58		"	10.0		85.8	78-131				
Trichloroethylene	9.76		"	10.0		97.6	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	9.26		"	10.0		92.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.5		"	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		"	10.0		106	79-122				

LCS Dup (BI00429-BSD1)

Prepared & Analyzed: 09/09/2020

1,1,1,2-Tetrachloroethane	9.34		ug/L	10.0		93.4	82-126		0.321	30	
1,1,1-Trichloroethane	9.08		"	10.0		90.8	78-136		4.94	30	
1,1,2,2-Tetrachloroethane	8.98		"	10.0		89.8	76-129		2.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.26		"	10.0		82.6	54-165		2.04	30	
1,1,2-Trichloroethane	8.68		"	10.0		86.8	82-123		2.69	30	
1,1-Dichloroethane	8.22		"	10.0		82.2	82-129		3.11	30	
1,1-Dichloroethylene	8.38		"	10.0		83.8	68-138		7.58	30	
1,1-Dichloropropylene	8.37		"	10.0		83.7	83-133		7.81	30	
1,2,3-Trichlorobenzene	8.52		"	10.0		85.2	76-136		1.05	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		3.63	30	
1,2,4,5-Tetramethylbenzene	9.65		"	10.0		96.5	85-140		5.25	30	
1,2,4-Trichlorobenzene	9.08		"	10.0		90.8	76-137		0.00	30	
1,2,4-Trimethylbenzene	9.45		"	10.0		94.5	82-132		13.6	30	
1,2-Dibromo-3-chloropropane	8.77		"	10.0		87.7	45-147		2.37	30	
1,2-Dibromoethane	9.05		"	10.0		90.5	83-124		7.57	30	
1,2-Dichlorobenzene	9.41		"	10.0		94.1	79-123		5.48	30	
1,2-Dichloroethane	9.55		"	10.0		95.5	73-132		8.97	30	
1,2-Dichloropropane	8.42		"	10.0		84.2	78-126		1.65	30	
1,3,5-Trimethylbenzene	9.37		"	10.0		93.7	80-131		14.1	30	
1,3-Dichlorobenzene	9.33		"	10.0		93.3	86-122		7.43	30	
1,3-Dichloropropane	8.83		"	10.0		88.3	81-125		3.57	30	
1,4-Dichlorobenzene	9.20		"	10.0		92.0	85-124		9.43	30	
2,2-Dichloropropane	10.8		"	10.0		108	56-150		3.18	30	
2-Butanone	7.36		"	10.0		73.6	49-152		6.60	30	
2-Chlorotoluene	9.10		"	10.0		91.0	79-130		11.6	30	
2-Hexanone	8.44		"	10.0		84.4	51-146		14.9	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 BI00429 - EPA 5030B											
LCS Dup (BI00429-BSD1)						Prepared & Analyzed: 09/09/2020					
4-Chlorotoluene	9.27		ug/L	10.0		92.7	79-128		11.2	30	
4-Methyl-2-pentanone	8.23		"	10.0		82.3	57-145		12.7	30	
Acetone	8.56		"	10.0		85.6	14-150		3.69	30	
Benzene	8.31		"	10.0		83.1	85-126	Low Bias	4.70	30	
Bromobenzene	9.15		"	10.0		91.5	78-129		8.28	30	
Bromochloromethane	8.33		"	10.0		83.3	77-128		4.67	30	
Bromodichloromethane	9.01		"	10.0		90.1	79-128		2.95	30	
Bromoform	8.66		"	10.0		86.6	78-133		8.42	30	
Bromomethane	5.37		"	10.0		53.7	43-168		1.85	30	
Carbon disulfide	8.23		"	10.0		82.3	68-146		7.49	30	
Carbon tetrachloride	8.96		"	10.0		89.6	77-141		6.17	30	
Chlorobenzene	8.78		"	10.0		87.8	88-120	Low Bias	6.39	30	
Chloroethane	9.67		"	10.0		96.7	65-136		6.21	30	
Chloroform	8.76		"	10.0		87.6	82-128		3.92	30	
Chloromethane	8.30		"	10.0		83.0	43-155		6.86	30	
cis-1,2-Dichloroethylene	8.87		"	10.0		88.7	83-129		3.98	30	
cis-1,3-Dichloropropylene	8.92		"	10.0		89.2	80-131		1.58	30	
Dibromochloromethane	9.28		"	10.0		92.8	80-130		6.22	30	
Dibromomethane	8.54		"	10.0		85.4	72-134		5.17	30	
Dichlorodifluoromethane	11.3		"	10.0		113	44-144		4.42	30	
Ethyl Benzene	9.13		"	10.0		91.3	80-131		5.85	30	
Hexachlorobutadiene	8.87		"	10.0		88.7	67-146		12.8	30	
Isopropylbenzene	8.84		"	10.0		88.4	76-140		17.6	30	
Methyl tert-butyl ether (MTBE)	8.92		"	10.0		89.2	76-135		13.7	30	
Methylene chloride	8.34		"	10.0		83.4	55-137		0.359	30	
Naphthalene	8.41		"	10.0		84.1	70-147		0.596	30	
n-Butylbenzene	9.40		"	10.0		94.0	79-132		12.1	30	
n-Propylbenzene	8.92		"	10.0		89.2	78-133		16.1	30	
o-Xylene	9.16		"	10.0		91.6	78-130		3.75	30	
p- & m- Xylenes	18.5		"	20.0		92.4	77-133		6.34	30	
p-Diethylbenzene	10.8		"	10.0		108	84-134		11.7	30	
p-Ethyltoluene	10.2		"	10.0		102	88-129		17.1	30	
p-Isopropyltoluene	9.24		"	10.0		92.4	81-136		14.7	30	
sec-Butylbenzene	9.41		"	10.0		94.1	79-137		14.9	30	
Styrene	9.52		"	10.0		95.2	67-132		3.41	30	
tert-Butylbenzene	7.84		"	10.0		78.4	77-138		17.2	30	
Tetrachloroethylene	8.86		"	10.0		88.6	82-131		9.15	30	
Toluene	8.62		"	10.0		86.2	80-127		7.70	30	
trans-1,2-Dichloroethylene	8.82		"	10.0		88.2	80-132		6.47	30	
trans-1,3-Dichloropropylene	8.81		"	10.0		88.1	78-131		2.65	30	
Trichloroethylene	8.65		"	10.0		86.5	82-128		12.1	30	
Trichlorofluoromethane	9.26		"	10.0		92.6	67-139		9.27	30	
Vinyl Chloride	8.35		"	10.0		83.5	58-145		10.3	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.8		"	10.0		108	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00372 - Preparation for GC Analysis

Blank (BI00372-BLK1)

Prepared & Analyzed: 09/08/2020

Methane	ND	10	ug/L
Ethane	ND	10	"
Ethylene (Ethene)	ND	10	"

Duplicate (BI00372-DUP1)

*Source sample: 20I0209-01 (FRW4-200831)

Prepared & Analyzed: 09/08/2020

Methane	16000	100	ug/L	14000	12.3	35
Ethane	ND	100	"	ND		35
Ethylene (Ethene)	ND	100	"	ND		35



Anions by Ion Chromatography - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00629 - EPA 300

Blank (BI00629-BLK1)

Prepared: 09/10/2020 Analyzed: 09/11/2020

Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
Sulfate	ND	1.00	"								

LCS (BI00629-BS1)

Prepared: 09/10/2020 Analyzed: 09/11/2020

Nitrate as N	10.3	0.0500	mg/L	10.0		103	90-110				
Nitrite as N	10.8	0.0500	"	10.0		108	90-110				
Sulfate	10.0	1.00	"	10.0		100	85-115				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI00416 - Analysis Preparation

Blank (BI00416-BLK1)

Prepared & Analyzed: 09/09/2020

Total Organic Carbon (TOC)	ND	1.00	mg/L
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LCS (BI00416-BS1)

Prepared & Analyzed: 09/09/2020

Total Organic Carbon (TOC)	95.5	1.00	mg/L	94.0	102	79.5-125.1
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Duplicate (BI00416-DUP1)

*Source sample: 20I0209-01 (FRW4-200831)

Prepared & Analyzed: 09/09/2020

Total Organic Carbon (TOC)	349	10.0	mg/L	352	0.727	20
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20I0209-01	FRW4-200831	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-02	FRW1-200831	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-03	MW98-01A-200901	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-04	MW98-05A-200901	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-05	MW45A-200901	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-06	MW45B-200901	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-07	MW44B-200902	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-08	MW44C-200902	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-09	MW44A-200902	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-10	N32-200902	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-11	N32B-200902	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-12	MW59B-200903	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-13	FB01-200901	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-14	MW59A-200903	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20I0209-15	TB01-200903	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

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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YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

YORK Project No.

2016209

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

Page 1 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time			
Company:	Ramboll Corp	Company:	Ramboll Corp	Company:	Ramboll Corp	1690016505		RUSH - Next Day			
Address:	101 Carnegie Ctr, 200 Princeton NJ 08540	Address:	234 W. Florida St, 5th Fl Milwaukee WI 53204	Address:	234 W. Florida St, 5th Fl Milwaukee WI 53204	YOUR Project Name Kraft Soy Harbor/ Fram Power Ind		RUSH - Two Day			
Phone:	(201) 575-1715	Phone:	262-901-0127	Phone:	262-901-0127	YOUR PO#: 1690016505		RUSH - Three Day			
Contact:	Matthew Sweet	Contact:	Mark Meyer	Contact:	Mark Meyer			RUSH - Four Day			
E-mail:	m.sweet@ramboll.com	E-mail:	m.meyer@ramboll.com	E-mail:	m.meyer@ramboll.com			Standard (5-7 Day) ☒			
YOUR Project Name Kraft Soy Harbor/ Fram Power Ind YOUR PO#: 1690016505											
Report / EDD Type (circle selections) Summary Report ☒ Standard Excel EDD QA Report ☐ EQUIS (Standard) NY ASP A Package ☐ NYSDC EQUIS NY ASP B Package ☐ NJDEP SRP HazSite Other: ☐ NJDKQP		Analysis Requested CT RCP ☐ CT RCP DQA/DUE ☐ CT RCP DQA/DUE NJDEP Reduced Deliverables ☐ NJDKQP ☐ Other: ☐ EQUIS		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) NYSDC 4405		Container Description 5 HCL, 2 vials, 1 poly 5 HCL, 2 vials, 1 poly 5 HCL, 2 vials, 1 poly 5 HCL, 2 vials, 1 poly 5 HCL, 2 vials, 1 poly 8 HCL vials 3 HCL vials 3 HCL vials 3 HCL vials 3 HCL vials 3 HCL vials					
Sample Identification FRW4-200831 FRW1-200831 MW98-01A-200901 MW98-05A-200901 MW45A-200901 (MS/MSD) MW45B-200901 MW44B-200902 MW44C-200902 MW44A-200902 AN- N32-200902		Sample Matrix G-W G-W G-W G-W G-W G-W G-W G-W G-W		Date/Time Sampled 8/31/20 1530 8/31/20 1700 9/1/20 1025 9/1/20 1255 9/1/20 1535 9/1/20 1705 9/2/20 0955 9/2/20 1125 9/2/20 1240 9/2/20 1620		Report / EDD Type (circle selections) Summary Report ☒ Standard Excel EDD QA Report ☐ EQUIS (Standard) NY ASP A Package ☐ NYSDC EQUIS NY ASP B Package ☐ NJDEP SRP HazSite Other: ☐ NJDKQP		Analysis Requested CT RCP ☐ CT RCP DQA/DUE ☐ CT RCP DQA/DUE NJDEP Reduced Deliverables ☐ NJDKQP ☐ Other: ☐ EQUIS		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) NYSDC 4405	
Comments: Send GDD/EQUIS 4 File to GDD Princeton@ramboll.com Lab filter for Diss Fe											
Preservation: (check all that apply) HCl ☒ MeOH ☐ HNO₃ ☐ H₂SO₄ ☐ NaOH ☐ ZnAc ☐ Ascorbic Acid ☐ Other: ☐		Date/Time 9/3/20 2500		Date/Time 9/3/20 1840		Date/Time 9/3/20 1840		Date/Time 9/3/20 1840			
Samples Relinquished by / Company Matthew Sweet		Samples Relinquished by / Company Matthew Sweet		Samples Relinquished by / Company Matthew Sweet		Samples Relinquished by / Company Matthew Sweet		Samples Relinquished by / Company Matthew Sweet			
Date/Time 9/3/20 1450		Date/Time 9/3/20 1450		Date/Time 9/3/20 1450		Date/Time 9/3/20 1450		Date/Time 9/3/20 1450			
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Samples Received by / Company Matthew Sweet		Samples Received by / Company Matthew Sweet		Samples Received by / Company Matthew Sweet		Samples Received by / Company Matthew Sweet		Samples Received by / Company Matthew Sweet			
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APPENDIX C

DATA VALIDATION REPORT

MEMORANDUM

To: File

From: Mitchell Levenhagen

Subject: Data Validation, Sample Delivery Groups (SDG) 20H1216 and 20I0209, August and September 2020 Groundwater Samples Obtained from the Former Rowe Industries Superfund Site

Introduction

A total of 21 groundwater samples (including one duplicate sample and one field blank sample) were collected on August 30 through September 3, 2020, from the Former Rowe Industries Superfund Site in Sag Harbor, New York. The samples were delivered to York Analytical Laboratories, Inc. of Stratford, Connecticut, under chain-of-custody by private courier for analysis of all or a subset of volatile organic compounds (VOCs) in accordance with United States Environmental Protection Agency (USEPA) Method 8260; methane, ethane, and ethene by headspace gas chromatography; dissolved iron by USEPA Method 200.7; nitrate/nitrite and sulfate by USEPA Method 300.0; and total organic carbon by USEPA Method 5310C. The groundwater samples were collected in appropriately preserved sample containers and stored in a cooler under ice to approximately 4 degrees Celsius.

October 20, 2020

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The data were evaluated with respect to accuracy, precision, and completeness using criteria established in the USEPA Laboratory National Functional Guidelines for Data Review. Quality control (QC) summary forms and data reports were reviewed. Data qualifiers were added when the QC data indicated a bias. The data evaluation and qualifications are noted below.

Standard data qualifiers were used as a means of classifying the data as to their conformance with QC requirements. Data qualifiers used for this sample delivery group are as follows:

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).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
J	Detected below the Reporting Limit (RL/LOQ) but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a tentatively identified compound (TIC), the result is an estimated concentration.

The analyte nitrate/nitrite was flagged with the HT-01R qualifier in a total of five samples (FRW1-200831, FRW4-200831, FB01-200901 (field blank), MW98-01A-200901, and MW98-05A-200901). These samples were analyzed beyond the USEPA Method 300.0 hold time of 48 hours.

A total of five groundwater samples (FRW1-200831, FRW3-200831, FRW4-200831, MW28B-200830, MW98-01A-200901) had one to three analytes flagged with the CCV-E qualifier. Specifically, carbon disulfide was flagged in each of the sample with the exception of MW98-01A-200901. Acetone was flagged in MW28B-200830, 1,1-dichloroethylene and trans-1,2-dichloroethylene were flagged in FRW1-200831, and 2-hexanone was flagged in MW98-01A-200901.

Three groundwater samples had one to two parameters flagged with the Cal-E qualifiers. 2-butanone was flagged in samples DUP01-200831, FRW2-200831, and FRW3-200831, and 2-hexanone was flagged in sample FRW3-200831.

For quality assurance/quality control purposes, two trip blanks (TB01-200519 and TB01-200520) were analyzed for VOCs and one duplicate and one field blank sample were analyzed for VOCs, methane, ethane and ethene, dissolved iron, nitrate/nitrite, sulfate, and total organic carbon. The field duplicate sample was collected by running distilled water through a decontaminated sampling pump utilizing disposable tubing. No analytes were detected in either of the two trip blank samples. The field blank sample (FB01-200901) contained total organic carbon (TOC) at a concentration of 1.06 milligram per liter (mg/L).

Field precision is measured by the collection of duplicate samples. The objectives for field precision are relative percent differences (RPDs) of 30% for aqueous samples, provided that both the initial and field duplicate results are greater than five times the respective RLs. When one of both of the field duplicate sample results are below five times the RL, satisfactory precision is achieved if the sample results agree within 2.5 times the RL for aqueous samples. The analytical results from the duplicate sample (DUP01-200831) and its co-located sample (FRW3-200831) met the applicable RPD objective, with the RPD for 2-butanone (33.33%) slightly above the objective of 30%, due the estimated concentrations of 2-butanone reported in both samples.

In general, the laboratory assigned a QL-02 qualifier for the quality control data with analytes reporting a low bias flag. Data qualifiers used for the sample delivery group quality control data are as follows:

- | | |
|-------|--|
| B | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. |
| QL-02 | This Laboratory Control Sample (LCS) analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature. |

A total of three samples had a single parameter flagged with a B-qualifier. Carbon disulfide was flagged for sample FRW3-200831 and acetone was flagged for samples MW59A-200903 and MW98-05A-200901. Several parameters from Sample Delivery Group No. 20I0209 were flagged as having a low bias in LCS duplicate samples. LCS duplicate sample BI00428-BSD1 had a low bias flag for bromomethane and LCS duplicate sample BI00429-BSD1 had a low bias flag for benzene and chlorobenzene. No parameters from Sample Delivery Group No. 20H1216 were flagged as having a low bias.

Organic Analyses of Aqueous Samples

The organic analyses were reviewed for the following QC requirements:

- completeness (verification that all collected samples were analyzed for the requested analytical parameters);
- holding times prior to extraction and analysis;
- blank contamination;
- duplicate precision and accuracy;
- surrogate recovery precision and accuracy;
- laboratory control sample precision and accuracy; and
- overall assessment of data.

The QC parameters for the VOC analyses were within the required QC limits except those otherwise noted above, which were accepted based on percent recoveries and completeness of other data.

Conclusions

The results of the aqueous analyses are acceptable as reported and are considered useable within the limits depicted by the identified data qualifiers.

Reference

United States Environmental Protection Agency. 2016. *Data validation standard operating procedures for contact laboratory program organic data using gas chromatograph/mass spectrometer and gas chromatograph/electron capture detector (Rev. 0.0)*: Athens, Georgia, USEPA Region IV, 17 p.

APPENDIX D

MOLAR FRACTION CHARTS

**Figure D-1: Molar Fraction of VOCs at Well FRW-1
Rowe Industries Site - Sag Harbor, New York**

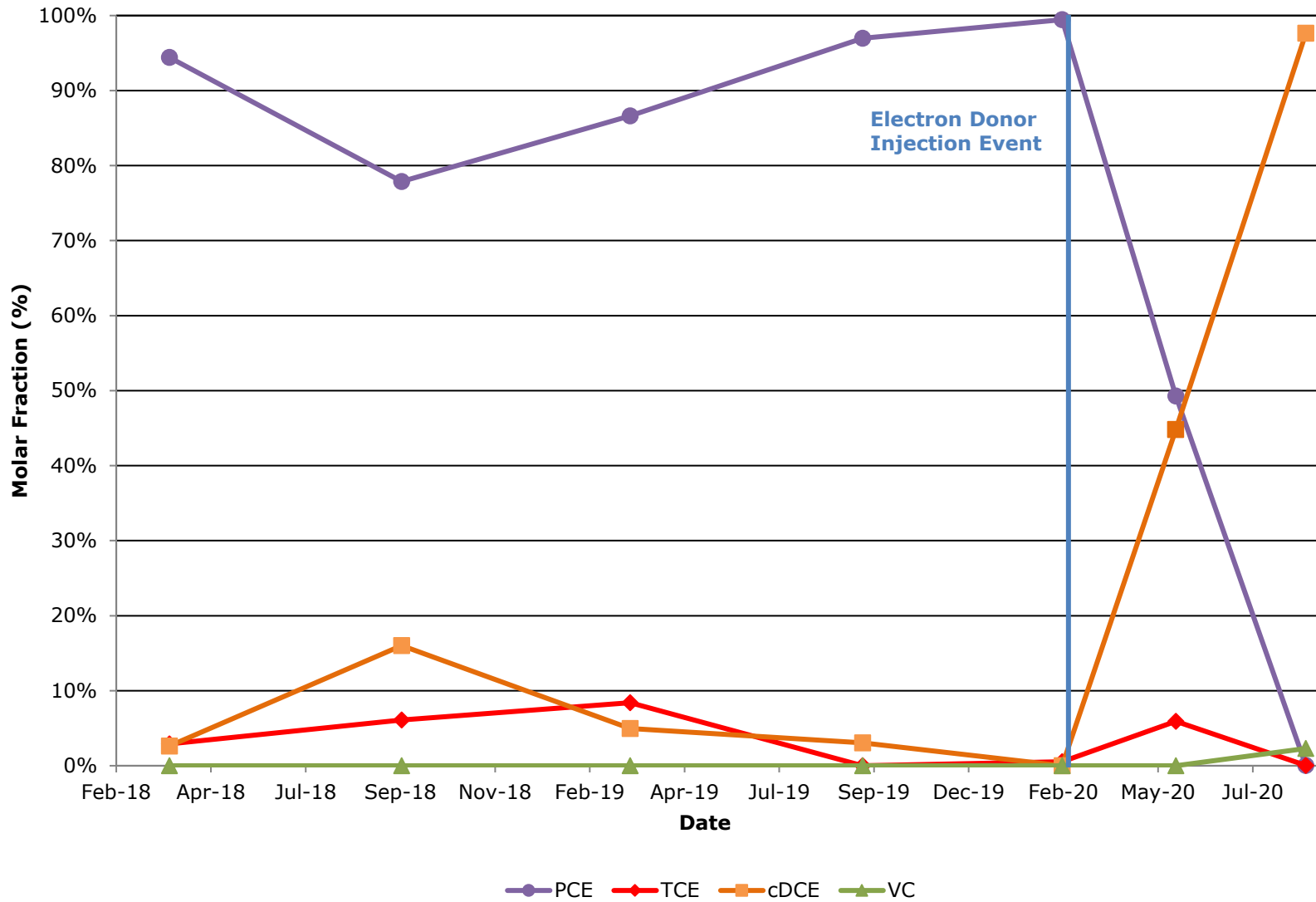


**Figure D-2: Molar Fraction of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York**

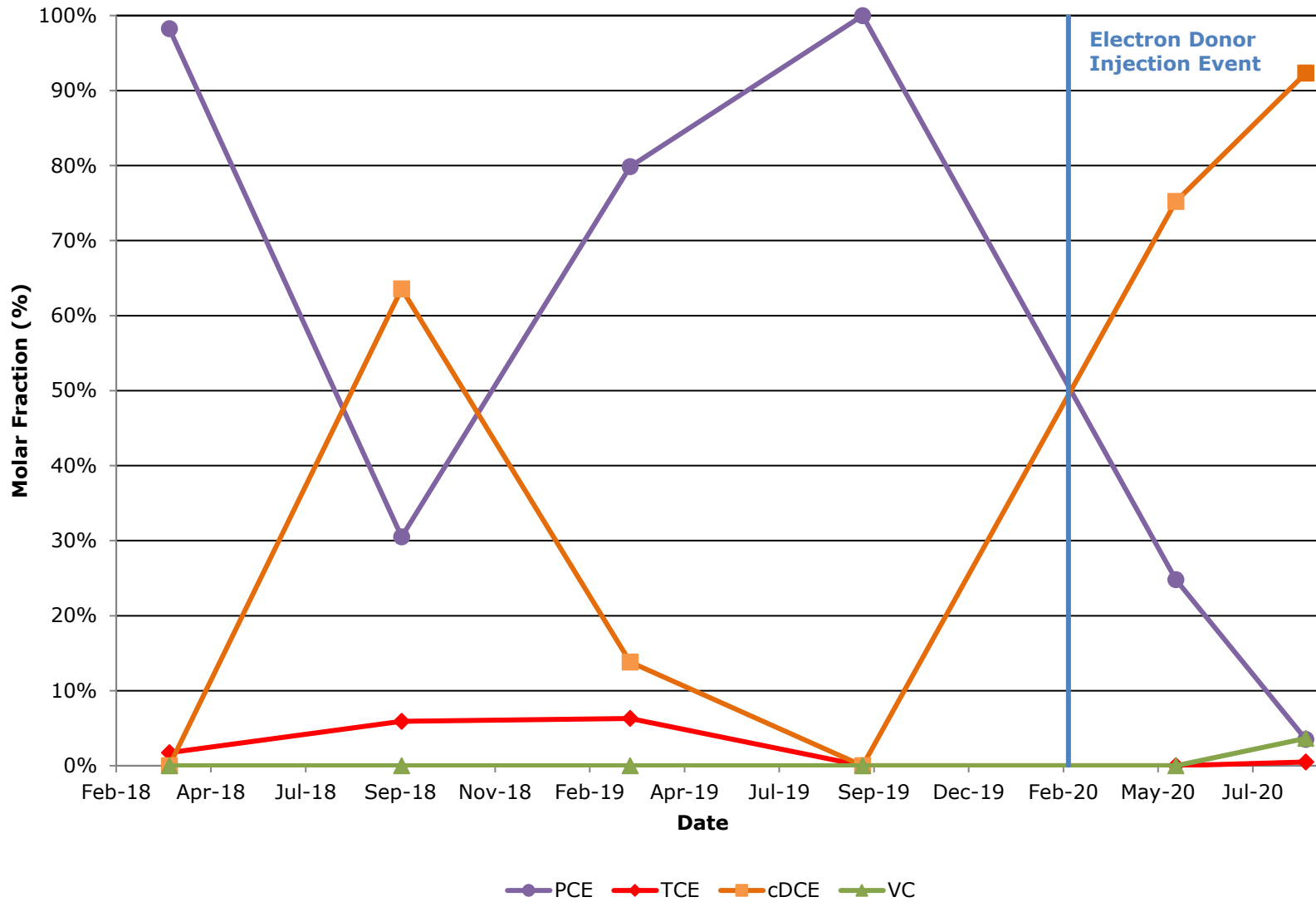


**Figure D-3: Molar Fraction of VOCs at Well FRW-3
Rowe Industries Site - Sag Harbor, New York**

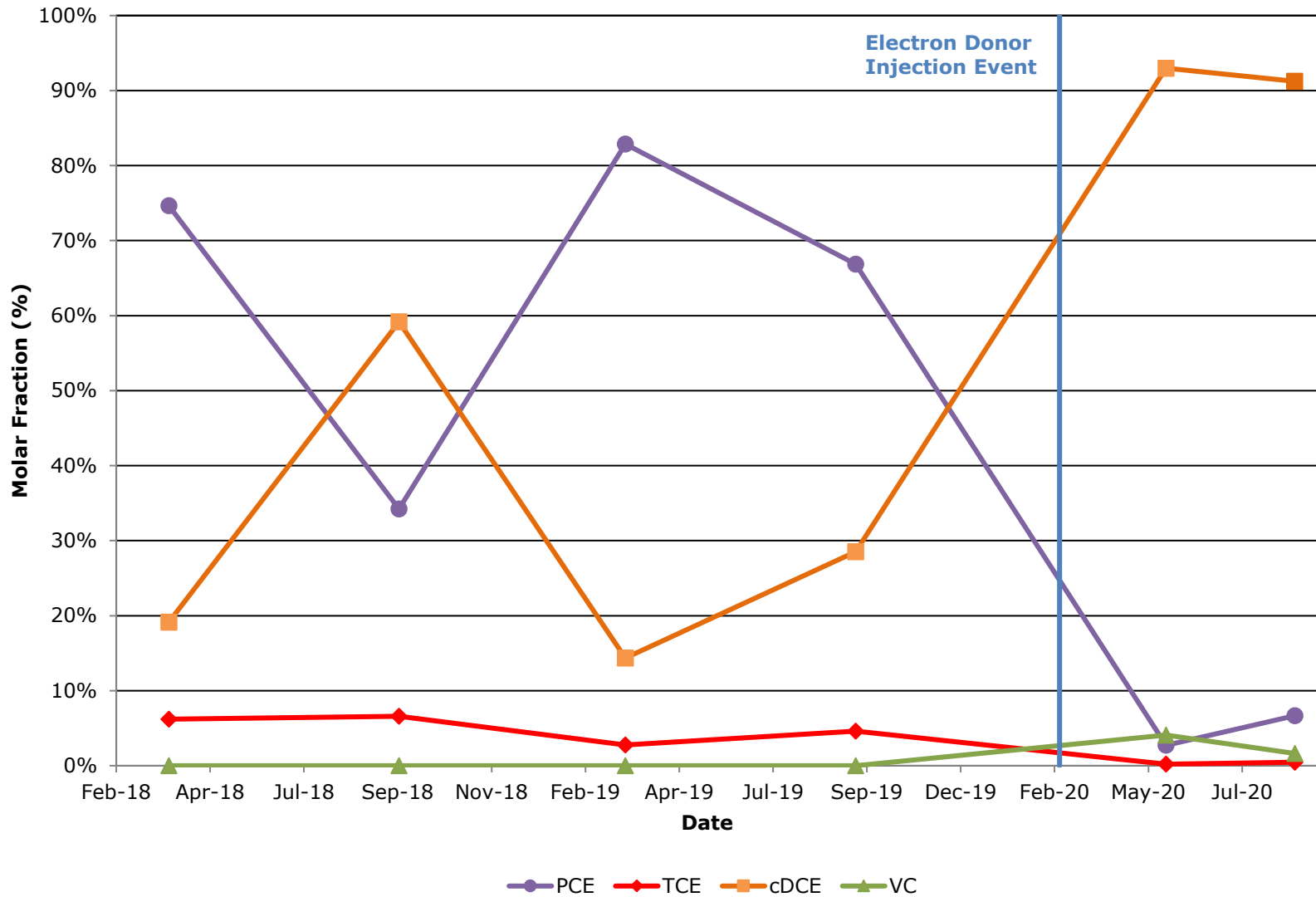


**Figure D-4: Molar Fraction of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York**

