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POST-REMEDIATION ACTION GROUNDWATER MONITORING REPORT NO. 5

**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 (Kraft Heinz), Ramboll US Consulting, Inc. (Ramboll) has prepared this Report to present the August 2021 performance monitoring results associated with the 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 fifth groundwater monitoring event results since the baseline monitoring was conducted in February 2020. The first quarterly monitoring event was conducted in May 2020, the second quarterly monitoring event was conducted in August and September 2020 (as part of a more comprehensive annual groundwater monitoring event that occurs every August/September at the Site), the third quarterly monitoring event was conducted in November 2020, and the fourth quarterly monitoring event was conducted in March 2021. 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). Per the November 2019 Ramboll *Work Plan for In-Situ Groundwater Remediation*, the frequency of groundwater monitoring was reduced from quarterly to semi-annual after the March 2021 groundwater monitoring event.

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 (CVOCs) 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 in soil samples collected from 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 in groundwater from migrating beyond the FDSA.

In December 2002, a 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 such that FP&T system 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 approval once the groundwater quality in those wells had achieved ARARs for at least 3 consecutive years. Downgradient FSP&T well RW-2 was shut down shortly after receipt of USEPA approval as indicated in USEPA correspondence dated May 28, 2021.

Operation of FP&T wells FRW-1 through FRW-4 have been suspended since just prior to the February 2020 FDSA remedial actions identified above and further described in Section 3 and Section 4. 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 February 2020 *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 Anaerobic 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 hollow stem 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 moderate 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, MW-98-05AR, and MW-98-01A included 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 was 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 were also analyzed in the field as part of each sampling event. In addition, monitoring wells MW98-04 and MW-45A were monitored for VOCs. During August/September annual monitoring events (including the August 2021 monitoring event), wells MW-28A/B, 44A/B/C, 58A/B, 59A/B, 98-04B, 45B, and N-32 and 32B were also sampled for VOCs.

Subsequent to the February 2020 ISCR/ISB injection event, the groundwater monitoring described above has been conducted on a quarterly basis for 1 year (four sampling events, including the more

comprehensive August/September 2020 annual monitoring event), and will be followed by 2 years of semi-annual monitoring (four additional sampling events, including the most recent August 2021 comprehensive annual monitoring event plus future sampling events in February 2022, August/September 2022, and February 2023), which in turn will be 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 during the months of August and/or September. 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. Extraction well RW-2 located downgradient of the FDSA was shut down shortly after receipt of USEPA approval as indicated in USEPA correspondence dated May 28, 2021.

5. GROUNDWATER MONITORING RESULTS

Pursuant to the November 2019 Ramboll Work Plan, the following monitoring wells were sampled using low flow sampling procedures on August 23 through August 27, 2021: 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, and the bioremediation indicator parameters dissolved iron, TOC, nitrate+nitrite, sulfate, ethene, ethane, and methane.

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 August 2021 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 August 2021 ranged from 18.39 feet at monitoring well MW-28B to 26.82 feet at well MW-59A. As shown on Figure 7, the August 2021 water table elevations ranged from 7.04 to 8.28 feet above mean sea level (AMSL), which are similar to that recorded during previous water table measurements. Based on the measured water table elevations, the inferred direction of shallow groundwater flow within the FDSA is generally to the northeast, at an estimated horizontal hydraulic gradient of approximately 0.002.

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 August 2021 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 492 $\mu\text{S}/\text{cm}$ (at MW-98-01A) to 842 $\mu\text{S}/\text{cm}$ (at FRW-3) in August 2021, which may be indicative of subsurface distribution of the lactate-based carbon substrate within the treatment zone.
- 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. August 2021 DO readings within the treatment zone were 0.0 mg/L in each of the treatment zone wells, which is consistent with continued anaerobic conditions induced by the February 2020 injection of electron donor.
- The February 2020 baseline 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 2021 ORP of the groundwater samples within the treatment zone ranged from -150 mV (at FRW-3) to -75 mV (at MW-98-01A), which indicates that the groundwater has transitioned to and persists at reducing conditions in response to the February 2020 injection of electron donor.
- 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 2021 pH values were higher as they ranged from 6.28 (at MW-98-05AR) to 6.97 (at FRW-4) in treatment zone monitoring wells. The injected ABC[®] carbon substrate contains a phosphate pH buffer, and hydroxyl ions produced from corrosion of ZVI may also have increased and maintained the pH within the treatment zone to levels more favorable for *Dhc* development (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, PCE concentrations are depicted on Figure 8, TCE concentrations are depicted on Figure 9, cDCE concentrations are depicted on Figure 10, and VC concentrations are depicted on Figure 11. 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 February 2020 injection of carbon substrate, August 2021 TOC concentrations ranged from 21.4 mg/L (at FRW-4) to 223 mg/L (at FRW-3). The arithmetic mean TOC concentration increased from 2.33 mg/L in February 2020 to 120 mg/L in August 2021. Therefore, TOC concentrations remain favorable for anaerobic bioremediation within the treatment zone based on the August 2021 data, 18 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, only one of the August 2021 groundwater samples in treatment zone monitoring wells (FRW-2) revealed detectable nitrate at a concentration of 0.053 mg/L. Nitrate reducing conditions continue to be present based on the August 2021 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 2021 ferrous iron concentrations increased substantially to a range from 101 mg/L (at well MW-98-01A) to 204 mg/L (at well FRW-1). 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 2021 groundwater samples revealed even lower sulfate concentrations (a range between <1 mg/L to 1.48 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 2021 methane concentrations ranged from 4.1 mg/L (at well FRW-1) to 7.8 mg/L (at well FRW-4) in the treatment zone. August 2021 methane concentrations were greater than 1 mg/L in all of the treatment zone monitoring wells. 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. Ethene was detected at FRW-3 at a concentration of 45 mg/L (6.6 mg/L in the duplicate sample collected at FRW-3). The August 2021 groundwater samples did not contain detectable concentrations of ethane; ethane may not be detected based on the low residual concentrations of parent CVOCs.

5.3.6 Chlorinated Volatile Organic Compounds

VOC concentrations detected in groundwater samples are summarized in Table 3. Based on pre-February 2020 baseline concentration and frequency of detection, the predominant constituents of interest detected within the FDSA groundwater treatment zone were PCE and its degradation products TCE, cDCE, and VC. The extent of detectable PCE and TCE concentrations based on the August 2021 groundwater sample results are illustrated on Figure 8 and Figure 9, respectively. As shown on Figure 8 and Figure 9, at 18 months post-injection, none of the August 2021 samples contained PCE or TCE concentrations above the New York State Ambient Groundwater Standard of 5 µg/L for PCE and TCE. The only detectable PCE concentration was present in the August 2021 groundwater sample

from monitoring well MW98-01A ($0.44\text{J}^1 \mu\text{g/L}$), and the only detectable TCE concentration was present in the August 2021 groundwater sample from monitoring well FRW-4 ($0.20\text{J} \mu\text{g/L}$).

As shown on Figure 10, none of the August 2021 groundwater samples contained daughter product cDCE above the New York State Ambient Groundwater Standard of $5 \mu\text{g/L}$. As shown on Figure 11, August 2021 groundwater samples from the following monitoring wells contained daughter product VC above the New York State Ambient Groundwater Standard of $2 \mu\text{g/L}$: FRW-1 ($2.1 \mu\text{g/L}$), FRW-2 ($14 \mu\text{g/L}$), and FRW-3 ($5.3 \mu\text{g/L}$).

Enhanced reductive dechlorination facilitates desirable transfer of CVOC mass to the aqueous phase, where it is subject to biotic and abiotic reactions. Such enhanced desorption occurs as a result of several processes, including increased concentration gradients, enhanced partitioning from soil to groundwater due to aqueous-phase carbon flooding, and progressive decrease in the soil organic carbon-water partition coefficient (K_{oc}) for sequential degradation products. Enhanced desorption of PCE is demonstrated by a temporary increase in total chlorinated ethene concentrations for the monitoring wells FRW-1, FRW-2, FRW-3, and MW-98-05AR within the treatment zone. Average total chlorinated ethenes increased from a baseline average (using data from 2018, 2019, and early 2020) of $344 \text{ nanomoles per liter (nM/L)}$ to $2,709 \text{ nM/L}$ in August/September 2020. Based on the August 2021 groundwater monitoring data (18 months after the February 2020 injection event), average total ethenes decreased to 103 nM/L , which is 96 percent below the maximum value detected 6 months earlier in August/September 2020. These findings are consistent with substantial destruction of chlorinated ethene mass between August 2020 and August 2021.

5.3.6.1 Well FRW-1

Plots of PCE, TCE, cDCE and VC concentrations with time are provided in Appendix D. As shown on Figure D-1, between February 2020 and August 2021, the PCE concentration declined from $320 \mu\text{g/L}$ to $<0.2 \mu\text{g/L}$, and the TCE concentration decreased from $1.4 \mu\text{g/L}$ to $<0.2 \mu\text{g/L}$ (after a temporary increase to $7.5 \mu\text{g/L}$ during the May 2020 sampling event, likely in response to enhanced reductive dechlorination). The cDCE concentration had increased from $<0.2 \mu\text{g/L}$ to $560 \mu\text{g/L}$ in August 2020 (likely in response to enhanced reductive dechlorination), followed by a decrease to $1.5 \mu\text{g/L}$ in August 2021. The VC concentration increased from $<0.2 \mu\text{g/L}$ to $8.2 \mu\text{g/L}$ in March 2021, also likely in response to enhanced reductive dechlorination, followed by a decrease to $2.1 \mu\text{g/L}$ in August 2021.

Plots of molar concentrations of parent compounds and dechlorination products are useful in evaluating the effectiveness of enhanced dechlorination. Such a plot for monitoring well FRW-1 is shown on Figure D-2. As shown, the concentration of PCE decreased between February 2020 and August 2021, from about $1,930 \text{ nM/L}$ to non-detect. This decrease in PCE concentration has been coupled with a temporary increase in daughter product cDCE, from non-detect to almost $5,780 \text{ nM/L}$ by August/September 2020, followed by a reduction to 15.5 nM/L by August 2021. The concentration of further daughter product vinyl chloride has increased from non-detect in February 2020 to 192 nM/L in November 2020, followed by a decline to 33.6 nM/L in August 2021.

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-3, 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 2021 groundwater monitoring results, the detected molar fractions at well FRW-1 were as follows: 0% PCE, 0% TCE, 32% cDCE, and 68% VC. Without sequential dechlorination, the ratios of the

¹ Estimated value between limit of detection and limit of quantification.

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

As shown on Figure D-4, between September 2019 and August 2021, the PCE concentration decreased from 2.18 µg/L to <0.2 µg/L (after an increase to 13 µg/L during the August/September 2020 sampling event), the TCE concentration returned to non-detect (after a detection of 1.5J µg/L during the August/September 2020 sampling event), the cDCE concentration increased from non-detect to 200 µg/L in August/September 2020 followed by a decrease to 2.4J µg/L in August 2021, and the VC concentration increased from non-detect to 14 µg/L.

A molar concentration plot for monitoring well FRW-2 is shown on Figure D-5. As shown, the concentration of PCE decreased between September 2019 and August 2021, from 13.1 nM/L to non-detect. This decrease in PCE concentration has been coupled with a temporary increase in daughter product cDCE, from non-detect to 2,063 nM/L by August/September 2020, followed by a reduction to 24.8 nM/L by August 2021. The concentration of further daughter product vinyl chloride has increased from non-detect in September 2019 to 224 nM/L in August 2021.

As shown on Figure D-6, 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 2021 groundwater monitoring results, the detected molar fractions at well FRW-2 were as follows: 0% PCE, 0% TCE, 10% cDCE, and 90% VC. As indicated above, in response to the February 2020 injection of electron donor the PCE molar fraction declined while the cDCE and VC molar fractions increased (such that cDCE became the predominant CVOC at well FRW-2 as of August/September 2020 until VC became the predominant CVOC based on the August 2021 sampling event results).

5.3.6.3 Well FRW-3

As shown on Figure D-7, between September 2019 and August 2021, the PCE concentration decreased from 6.57 µg/L to <0.20 µg/L (after increasing to 15 µg/L during the August/September 2020 sampling event), and the TCE concentration remained non-detect (after a detection of 0.81 µg/L during the August/September 2020 sampling event). The cDCE concentration had increased from 1.64 µg/L to 120 µg/L in the May 2020 groundwater sample, followed by a reduction to 1.6 µg/L in the August 2021 groundwater sample. The VC concentration increased from non-detect to 5.3 µg/L in the August 2021 groundwater sample. Additionally, end product ethene was detected for the first time in the August 2021 groundwater sample from well FRW-3, at a concentration of 17 µg/L. This finding is indicative of complete reductive dechlorination in response to the February 2020 electron donor injection event.

A molar concentration plot for monitoring well FRW-3 is shown on Figure D-8. As shown, the concentration of PCE decreased between September 2019 and August 2021, from about 40 nM/L to non-detect. This decrease in PCE concentration has been coupled with a temporary increase in daughter product cDCE, from 16.9 nM/L to 1,240 nM/L by May 2020, followed by a reduction to 16.5 nM/L by August 2021. The concentration of further daughter product vinyl chloride has increased from non-detect in September 2019 to 84.8 nM/L in August 2021. Additionally, end product ethene was detected for the first time in the August 2021 groundwater sample from well FRW-3, at a concentration of 606 nM/L.

As shown on Figure D-9, 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 August 2021

groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 0% PCE, 0% TCE, 2% cDCE, 12% VC, and 86% ethene. In response to the February 2020 injection of electron donor, the cDCE and VC molar fractions have increased such that cDCE was the predominant CVOC at well FRW-3 as of August/September 2020, followed by ethene as the predominant reductive dechlorination analyte based on the August 2021 groundwater sample results.

5.3.6.4 Well MW-98-05AR

As shown on Figure D-10, between February 2020 and August 2021, the PCE concentration decreased from 26J to non-detect, and the TCE concentration decreased from 1.2 to non-detect (after minor increases and decreases between these sampling events). The cDCE concentration had increased from 1.4 to 120 µg/L in the August/September 2020 groundwater sample, followed by a reduction to 0.62 µg/L in the August 2021 groundwater sample. The VC concentration increased from non-detect to 4.7 µg/L in the November 2020 groundwater sample, followed by a decrease to 0.34J µg/L in the August 2021 groundwater sample.

A molar concentration plot for monitoring well MW-98-05AR is shown on Figure D-11. As shown, the concentration of PCE decreased between February 2020 and August 2021, from 157 nM/L to 0.0 nM/L. This decrease in PCE concentration has been coupled with a temporary increase in daughter product cDCE, from 14.4 nM/L to 1,240 nM/L by August 2020, followed by a reduction to 6.4 nM/L by August 2021. The concentration of further daughter product vinyl chloride increased from non-detect in February 2020 to 75.2 nM/L in November 2020, followed by a decline to 5.4 nM/L in August 2021.

As shown on Figure D-12, the 2018 and 2019 (pre-injection) detected molar fractions at well MW-98-05AR ranged from 64 to 100% PCE, 0 to 5% TCE, and 0 to 31% cDCE. Based on the August 2021 groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 0% PCE, 0% TCE, 54% cDCE, and 46% 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 since the August/September 2020 groundwater sampling event. The VC molar fraction at FRW-3 has recently increased (from 11% in March 2021 to 46% in August 2021) in response to reductive dechlorination. However, the detected VC concentration in the August 2021 groundwater sample from FRW-3 was 0.34J µg/L, which is less than the New York State Ambient Groundwater Standard of 2 µg/L.

5.3.6.5 Well FRW-4

PCE and VC were not detected in the August 2021 groundwater sample, and TCE was detected at a concentration of 0.2J µg/L. Between November 2020 and March 2021, the cDCE concentration had remained within a range between 4.1 and 7.5 µg/L. The August 2021 cDCE concentration was 0.75 µg/L, which is less than the New York State Ambient Groundwater Standard of 5 µg/L. No parameters were detected above their respective New York State Ambient Groundwater Standards in the August 2021 groundwater sample.

5.3.6.6 Other Wells

None of the August 2021 groundwater samples from monitoring wells outside of the treatment area contained any CVOC concentrations greater than New York State Ambient Groundwater Standards.

5.3.7 Ketones

Post-injection August 2021 groundwater samples obtained from wells FRW-3 and MW-98-01A located inside of the groundwater treatment zone contained acetone concentrations of 710 µg/L and 52 µg/L, respectively, which exceed the New York State Ambient Groundwater Standard of 50 µg/L. Post-

injection August 2021 groundwater samples obtained from wells FRW-2, FRW-3, and MW-98-01A contained concentrations of 2-butanone above the New York State Ambient Groundwater Standard of 50 µg/L, ranging as high as 1,100 µg/L (at well FRW-3). The post-injection August 2021 groundwater sample obtained from well FRW-3 contained 2-hexanone at a concentration of 300 µg/L, which also exceeds 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. Indeed, the maximum concentrations of these ketones within the treatment zone monitoring wells were detected in August/September and November 2020, and have declined since that date. 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 2021 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 this post-injection groundwater monitoring event can be summarized as follows:

1. Post-injection August 2021 DO and ORP values in the treatment zone remained substantially lower than the February 2020 baseline values, which is consistent with anaerobic conditions that have been induced and maintained 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 pH values within the treatment zone between February 2020 and August 2021, to persistent levels that are more favorable for *Dhc* development.
3. In response to the February 2020 injection of carbon substrate, the average measured TOC concentration within the treatment zone remained approximately 50 times higher in August 2021 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 have remained within a range of non-detect to 0.053 mg/L in August 2021 groundwater samples from all of the monitoring wells within the treatment zone.
5. Ferrous iron concentrations increased from less than 0.47 mg/L pre-injection to a range from 101 to 204 mg/L in August 2021. 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 anaerobic dechlorination.
6. February 2020 sulfate concentrations detected in the treatment zone monitoring wells ranged from 6.84 to 12.1 mg/L. In response to the February 2020 electron donor injection event, the August 2021 groundwater samples revealed even lower sulfate concentrations (a range between <1 to

- 1.48 mg/L). These results indicate that sulfate reducing conditions continue to be maintained within the treatment zone.
7. February 2020 baseline methane concentrations in the treatment zone were less than 0.25 mg/L. Post-injection August 2021 methane concentrations ranged from 4.1 to 7.8 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 CVOs to occur.
 8. Between February 2020 and August 2021, cDCE concentrations (relative to parent compound PCE) increased and subsequently decreased 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). Maximum cDCE concentrations were detected in the August/September 2020 groundwater samples, followed by a general decrease in cDCE concentrations in the November 2020, March 2021, and August 2021 samples. This encouraging observation is consistent with depletion of precursor PCE and TCE mass.
 9. The August 2021 groundwater samples from wells FRW-1, FRW-2, FRW-3, and MW-98-05AR contained VC, which was initially detected in the May 2020 or August/September 2020 groundwater samples. VC was initially detected in FRW-4 and MW-98-04 during the March 2021 groundwater sampling event. Moreover, end product ethene was detected for the first time in the August 2021 groundwater sample from well FRW-3 (at a concentration of 17 µg/L). This finding is indicative of complete reductive dechlorination in response to the February 2020 electron donor injection event. The generation of VC and ethene 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).
 10. None of the August 2021 groundwater samples contained parent compound PCE, TCE or cDCE concentrations greater than their respective New York State Ambient Groundwater Standard of 5 µg/L. As such, VC is the only remaining COC in site groundwater (with August 2021 VC concentrations that range from 0.34 µg/L to 14 µg/L in groundwater samples from the treatment zone monitoring wells). The low remaining concentrations of precursor compounds PCE, TCE and cDCE should result in reduced rates of future dechlorination, which should support continued attenuation of residual VC in site groundwater.

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
		11/17/2020	23.32	7.68
		3/15/2021	21.68	9.32
		8/28/2021	23.09	7.91
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
		11/17/2020	21.89	3.66
		3/15/2021	20.39	5.16
		8/28/2021	21.65	3.90
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
		11/17/2020	21.70	7.66
		3/15/2021	20.10	9.26
		8/28/2021	21.46	7.90
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
		11/17/2020	21.08	7.65
		3/15/2021	19.47	9.26
		8/28/2021	20.86	7.87
MW-28A	25.90	5/19/2020	16.67	9.23
		9/4/2020	18.70	7.20
		11/17/2020	18.68	7.22
		3/15/2021	17.24	8.66
		8/28/2021	18.49	7.41
MW-28B	25.99	5/19/2020	16.58	9.41
		9/4/2020	18.61	7.38
		3/15/2021	17.17	8.82
		8/28/2021	18.39	7.60
MW-44A	29.44	9/4/2020	23.03	6.41
		8/28/2021	22.31	7.13
MW-44B	29.54	9/4/2020	22.86	6.68
		8/28/2021	22.40	7.14
MW-44C	29.76	9/4/2020	22.87	6.89
		8/28/2021	22.58	7.18
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
		11/17/2020	20.28	7.16
		3/15/2021	18.72	8.72
		8/28/2021	20.06	7.38
MW-45B	27.63	5/19/2020	17.98	9.65
		9/4/2020	20.06	7.57
		3/15/2021	NM	NM
		8/28/2021	19.91	7.72
MW-58A	31.48	5/19/2020	21.74	9.74
		9/4/2020	23.80	7.68
		11/17/2020	23.91	7.57
		3/15/2021	22.35	9.13
		8/28/2021	23.68	7.80
MW-58B	31.46	5/19/2020	21.70	9.76
		9/4/2020	23.77	7.69
		3/15/2021	22.32	9.14
		8/28/2021	23.65	7.81

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
MW-59A	33.88	9/4/2020	27.12	6.76
		8/28/2021	26.82	7.06
MW-59B	33.84	9/4/2020	27.08	6.76
		8/28/2021	26.77	7.07
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
		11/17/2020	22.81	7.66
		3/15/2021	21.14	9.33
		8/28/2021	22.58	7.89
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
		11/17/2020	20.40	7.60
		3/15/2021	18.83	9.17
		8/28/2021	20.19	7.81
MW-98-04B	27.94	5/19/2020	18.17	9.77
		9/4/2020	20.24	7.70
		3/15/2021	18.76	9.18
		8/28/2021	20.10	7.84
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
		11/17/2020	22.19	7.07
		3/15/2021	20.49	8.77
MW-98-05BR	29.76	8/28/2021	21.90	7.36
		5/19/2020	19.54	10.22
		9/4/2020	21.63	8.13
		3/15/2021	20.10	9.66
N-32	32.21	8/28/2021	21.48	8.28
		9/4/2020	25.69	6.52
N-32B	32.26	8/28/2021	25.17	7.04
		9/4/2020	25.70	6.56
		8/28/2021	25.16	7.10

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
	11/18/2020	7.65	0.31	-128	2,090	9.11
	3/16/2021	7.27	0.00	-50	446	8.98
	8/25/2021	6.97	0.00	-145	659	21.11
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
	11/19/2020	7.33	0.23	-118	2,710	13.51
	3/17/2021	6.80	0.00	-26	396	12.49
	8/25/2021	6.95	0.00	-149	634	18.17
	5/20/2020	6.44	0.00	-132	1,360	13.08
FRW-3	8/31/2020	6.11	0.00	-97	3,420	15.93
	11/17/2020	6.74	0.32	-92	4,140	11.73
	3/17/2021	7.01	0.00	-91	1,840	12.73
	8/26/2021	6.87	0.00	-150	842	20.36
	5/20/2020	6.39	0.00	-112	456	13.98
FRW-4	8/31/2020	6.61	0.00	-161	637	18.12
	11/18/2020	7.62	0.30	-115	1,070	9.34
	3/16/2021	7.41	0.00	-89	668	10.95
	8/25/2021	6.90	0.00	-141	543	17.42
	8/30/2020	6.36	0.00	-120	203	16.54
MW-28A	8/26/2021	6.63	0.00	-114	301	18.31
MW-28B	8/30/2020	6.17	0.00	-33	118	16.65
	8/26/2021	6.16	0.00	-10	207	17.96
MW-44A	9/2/2020	6.02	2.48	+203	194	16.86
	8/23/2021	5.64	5.73	+283	266	17.31
MW-44B	9/2/2020	5.93	8.15	+299	208	14.51
	8/23/2021	5.98	0.00	+251	175	16.80
MW-44C	9/2/2020	6.50	0.00	+77	122	15.55
	8/23/2021	6.15	0.00	+30	170	16.78
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
	11/17/2020	5.75	0.80	+160	220	13.38
	3/15/2021	6.20	0.00	+121	181	11.38
	8/24/2021	6.21	0.00	+37	172	15.48
MW-45B	9/1/2020	6.45	0.00	+14	168	15.78
	8/24/2021	6.24	0.00	-21	172	18.33
MW-58A	8/30/2020	5.17	2.60	+310	135	13.93
	8/27/2021	5.64	3.13	+223	210	14.89
MW-58B	8/30/2020	5.20	4.03	+324	162	13.81
	8/27/2021	5.83	8.21	+221	186	17.85
MW-59A	9/3/2020	6.25	3.69	+207	326	24.44
	8/24/2021	7.15	4.25	+177	387	19.90
MW-59B	9/3/2020	5.26	0.00	+295	175	16.66
	8/24/2021	5.27	0.71	+315	223	16.68
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
	11/18/2020	6.44	0.75	+16	939	8.25
	3/16/2021	7.17	0.00	-42	425	10.57
	8/25/2021	6.55	0.00	-75	492	16.58
	2/19/2020	5.67	0.48	+130	157	10.44
MW-98-04	5/19/2020	6.28	0.00	+25	206	12.95
	8/30/2020	5.60	0.38	+100	240	16.81
	11/19/2020	5.40	1.68	+264	299	13.03
	3/15/2021	6.30	0.00	+80	251	11.24
	8/24/2021	5.31	0.53	+164	116	16.33
	8/30/2020	6.04	0.00	+120	148	15.73
MW-98-04B	8/24/2021	5.85	0.00	+106	177	15.93
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
	11/19/2020	5.98	0.20	+15	2,180	13.82
	3/16/2021	6.42	0.00	-3	663	9.79
	8/26/2021	6.28	0.00	-91	625	19.82
	9/2/2020	6.53	0.00	+11	277	18.08
N-32	8/23/2021	6.04	7.27	+260	220	19.83
N-32B	9/2/2020	6.11	3.52	+147	125	17.03
	8/23/2021	6.68	0.00	-42	244	19.70

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-1	FRW-1	FRW-1	FRW-1	FRW-2	FRW-2	FRW-2
Field Sample ID		FRW-1-20200220	DUP-20200220	FRW-1-200520	FRW1-200831	FRW1-201118	FRW1-210316	FRW1_210825	FRW-2-200520	FRW2-200831	FRW2-201119	
Lab Sample ID	NY State Ambient Groundwater Standards	20B0768-02; 20B0768-02RE1	20B0768-03; 20B0768-03RE1	20E0617-09; 20E0617-09RE1	20I0209-02; 20I0209-02RE1	20K0801-07; 20K0801-07RE1						
Sample Method		Peristaltic Pump	Peristaltic Pump	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	11/18/2020	3/16/2021	8/25/2021	5/20/2020	8/31/2020	11/19/2020	
Comments		Field Duplicate										
WQ												
Organic Carbon (total)		2170 (1000)	2340 (1000)	687000 (10000)	1110000 (100000)	3250000 (500000)	39200 (10000)	67300 (5000)	1930000 (100000)	1850000 (100000)	5200000 (500000)	
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	---	---	---	---
Nitrate	10000	166 (50)	179 (50)	U (50)	HU (50)	U (50)	U (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)	U (50)	U (50)
Sulfate	250000	12100 (1000)	11800 (1000)	U (1000)	U (1000)	U (1000)	U (1000)	U (1000)	2300 (1000)	U (1000)	U (1000)	U (1000)
VOC												
Acetone	50	U (1)	U (1)	46 (1)	230 (20)	970 J (10)	21 (1)	20 (1)	1200 (20)	2600 (50)	U (1)	
Benzene	1	U (0.2)	U (0.2)	U (0.2)	0.21 J (0.2)	0.34 J (0.2)	U (0.2)	0.25 J (0.2)	U (1)	1 J (1)	0.85 (0.2)	
2-Butanone	50	U (0.2)	U (0.2)	49 (0.2)	580 (4)	U (0.2)	13 (0.2)	U (0.2)	680 J (1)	1700 J (10)	1000 (10)	
Carbon Disulfide	60	U (0.2)	U (0.2)	0.46 J (0.2)	0.21 J (0.2)	0.73 (0.2)	U (0.2)	0.29 J (0.2)	U (1)	U (1)	U (0.2)	
Chloroethane	5	U (0.2)	U (0.2)	U (0.2)	0.24 J (0.2)	0.29 J (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
Chloroform	7	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
1,2-Dibromoethane	0.0006	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
1,1-Dichloroethane	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.69 (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
1,2-Dichloroethane	0.6	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
1,1-Dichloroethene	5	U (0.2)	U (0.2)	U (0.2)	0.24 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
cis-1,2-Dichloroethene	5	U (0.2)	U (0.2)	42 (0.2)	560 (4)	490 (2)	20 (0.2)	1.5 (0.2)	11 (1)	200 (1)	88 (10)	
trans-1,2-Dichloroethene	5	U (0.2)	U (0.2)	U (0.2)	1.6 J (0.2)	0.81 (0.2)	0.39 J (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
Ethyl Benzene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.28 J (0.2)	U (0.2)	0.26 J (0.2)	U (1)	U (1)	U (0.2)	
2-Hexanone	50	U (0.2)	U (0.2)	3.5 (0.2)	39 (0.2)	78 (0.2)	U (0.2)	2.6 (0.2)	150 (1)	300 (1)	270 (10)	
4-Methyl-2-pentanone		U (0.2)	U (0.2)	U (0.2)	1.3 (0.2)	1.8 (0.2)	U (0.2)	U (0.2)	2.3 J (1)	U (1)	4.4 (0.2)	
Methylene Chloride	5	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (5)	U (5)	U (1)	
Tetrachloroethene	5	320 (2)	320 (2)	79 (0.2)	0.3 J (0.2)	0.58 (0.2)	U (0.2)	U (0.2)	6.2 (1)	13 (1)	0.63 (0.2)	
Toluene	5	U (0.2)	U (0.2)	U (0.2)	0.61 (0.2)	1.8 (0.2)	0.37 J (0.2)	0.61 (0.2)	1.6 J (1)	2.1 J (1)	2.1 (0.2)	
1,1,1-Trichloroethane	5	0.57 (0.2)	0.68 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	
Trichloroethene	5	1.4 (0.2)	1.4 (0.2)	7.5 (0.2)	0.25 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	1.5 J (1)	0.2 J (0.2)	
1,2,4-Trimethylbenzene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	1.5 J (1)	0.35 J (0.2)	
Vinyl Chloride	2	U (0.2)	U (0.2)	U (0.2)	8.5 (0.2)	12 J (0.2)	8.2 (0.2)	2.1 (0.2)	U (1)	5.1 (1)	6.8 (0.2)	
ortho-xylene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.34 J (0.2)	0.57 (0.2)	U (1)	U (1)	U (0.2)	
Xylenes (total)	5	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	0.68 J (0.6)	0.9 J (0.6)	U (3)	U (3)	U (0.6)	
PDIST												
Ethane		U (10)	U (10)	U (10)	U (100)	U (10)	U (50)	U (50)	U (50)	U (200)	U (10)	
Ethene		U (10)	U (10)	U (10)	U (100)	U (10)	U (50)	U (50)	U (50)	U (200)	U (10)	
Methane		U (10)	U (10)	1100 (10)	8800 (100)	5900 (100)	4500 (50)	4100 (50)	3200 (50)	18000 (200)	11000 (100)	
INORG (Dissolved)												
Iron		U (10)	U (10)	248000 (1000)	1120000 (13900)	715000 (250)	126000 (278)	204000 (250)	792000 (1000)	1550000 (13900)	887000 (250)	

Notes:
1 All concentrations are presented in ug/L (ppb).
2 Only compounds with at least one detection are shown.

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-2	FRW-2	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3
Field Sample ID	FRW2-210317	FRW2_210825	DUP01-200519	FRW-3-200520	FRW3-200831	DUP01-200831	FRW3-201117	DUP01-201117	FRW3-210317	DUP01-210317	FRW3-210826	
Lab Sample ID	21C0853-02	21H1344-06	20E0617-05; 20E0617-05RE1	20E0617-08; 20E0617-08RE1	20H1216-07; 20H1216-07RE1	20H1216-08; 20H1216-08RE1	20K0801-02; 20K0801-02RE1	20K0801-03; 20K0801-03RE1	21C0853-04; 21C0853-04RE1	21C0853-05; 21C0853-05RE1	21H1447-01; 21H1447-01RE1; 21H1447-01RE2	
Sample Method	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date	3/17/2021	8/25/2021	5/19/2020	5/20/2020	8/31/2020	8/31/2020	11/17/2020	11/17/2020	3/17/2021	3/17/2021	8/26/2021	
Comments			Field Duplicate			Field Duplicate		Field Duplicate		Field Duplicate		
WQ												
Organic Carbon (total)	106000 (10000)	75700 (5000)	492000 (10000)	868000 (100000)	2380000 (100000)	2530000 (100000)	12400000 (500000)	13400000 (500000)	1000000 (20000)	1010000 (20000)	212000 (10000)	
Nitrate & Nitrite (as N)	---	---	---	---	---	---	---	---	---	---	---	U (50)
Nitrate	U (50)	53 (50)	HU (50)	U (50)	U (50)	U (50)	HU (50)	HU (50)	U (50)	U (50)	---	
Nitrite	U (50)	U (50)	HU (50)	U (50)	U (50)	U (50)	HU (50)	HU (50)	U (50)	U (50)	---	
Sulfate	U (1000)	U (1000)	U (1000)	4500 (1000)	1640 (1000)	1520 (1000)	1880 (1000)	1300 (1000)	U (1000)	U (1000)	U (1000)	
VOC												
Acetone	300 (2)	35 (5)	30 (1)	97 (5)	390 J (25)	460 (5)	1000 (50)	980 (25)	2000 (20)	2100 (25)	710 (10)	
Benzene	U (0.4)	1 J (1)	0.22 J (0.2)	U (1)	0.55 (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.45 J (0.2)	
2-Butanone	230 (0.4)	280 (1)	72 (0.2)	570 J (1)	1500 J (5)	2100 J (5)	2200 (10)	2200 (5)	2200 (4)	2400 (5)	1100 (10)	
Carbon Disulfide	0.48 J (0.4)	U (1)	0.47 J (0.2)	U (1)	0.38 J (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.28 J (0.2)	
Chloroethane	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
Chloroform	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
1,2-Dibromoethane	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
1,1-Dichloroethane	U (0.4)	U (1)	2.3 (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
1,2-Dichloroethane	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
1,1-Dichloroethene	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
cis-1,2-Dichloroethene	91 (0.4)	2.4 J (1)	100 (0.2)	120 (1)	120 (0.2)	120 (1)	110 (1)	110 (1)	33 (1)	33 (1)	1.6 (0.2)	
trans-1,2-Dichloroethene	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
Ethyl Benzene	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
2-Hexanone	75 (0.4)	37 (1)	4.8 (0.2)	82 (1)	300 J (5)	400 (1)	650 J (1)	560 J (1)	760 (1)	730 (1)	300 (2)	
4-Methyl-2-pentanone	1.9 (0.4)	2.5 (1)	U (0.2)	U (1)	2.7 (0.2)	U (1)	4.4 J (1)	4 J (1)	5.6 (1)	5.2 (1)	2.8 (0.2)	
Methylene Chloride	U (2)	U (5)	U (1)	U (5)	U (1)	U (5)	U (5)	U (5)	U (5)	U (5)	U (1)	
Tetrachloroethene	U (0.4)	U (1)	4.4 (0.2)	6 (1)	15 (0.2)	13 (1)	1.4 J (1)	1.9 J (1)	U (1)	U (1)	U (0.2)	
Toluene	3.2 (0.4)	2.4 J (1)	U (0.2)	U (1)	0.46 J (0.2)	U (1)	U (1)	U (1)	1.4 J (1)	1.5 J (1)	1.4 (0.2)	
1,1,1-Trichloroethane	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
Trichloroethene	U (0.4)	U (1)	2.7 (0.2)	U (1)	0.81 (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
1,2,4-Trimethylbenzene	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	
Vinyl Chloride	7.1 (0.4)	14 (1)	U (0.2)	3.4 J (1)	1.4 (0.2)	1.4 J (1)	3.2 J (1)	3 J (1)	4.4 (1)	4.2 (1)	5.3 (0.2)	
ortho-xylene	U (0.4)	U (1)	U (0.2)	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.21 J (0.2)	
Xylenes (total)	U (1.2)	U (3)	U (0.6)	U (3)	U (0.6)	U (3)	U (3)	U (3)	U (3)	U (3)	U (0.6)	
PDIST												
Ethane	U (10)	U (10)	U (10)	U (100)	U (200)	U (200)	U (10)	U (10)	U (10)	U (10)	U (10)	
Ethene	U (10)	U (10)	U (10)	U (100)	U (200)	U (200)	U (10)	U (10)	U (10)	U (10)	17 (10)	
Methane	2200 (10)	5600 (10)	740 (10)	4800 (100)	29000 (200)	33000 (200)	6300 (100)	8500 (100)	2200 (10)	1500 (10)	5600 (100)	
INORG (Dissolved)												
Iron	166000 (278)	182000 (250)	113000 (200)	621000 (1000)	1950000 (13900)	1980000 (13900)	1340000 (2500)	1510000 (2500)	639000 (278)	622000 (278)	168000 (250)	

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.

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

	Location	FRW-3	FRW-4	FRW-4	FRW-4	FRW-4	FRW-4	MW-28A	MW-28A	MW-28B	MW-28B	MW-44A	
	Field Sample ID	DUP01-210826	FRW-4-200520	FRW4-200831	FRW4-201119	FRW4-210316	FRW4_210825	MW28A-200830	MW28A-210826	MW28B-200830	MW28B-210826	MW44A-200902	
	Lab Sample ID	21H1447-02; 21H1447-02RE1; 21H1447-02RE2	20E0644-01; 20E0644-01RE1	20I0209-01; 20I0209-01RE1	20K0890-05; 20K0890-05RE1	21C0793-05; 21C0793-05RE1	21H1344-05	20H1216-04	21H1344-07	20H1216-05	21H1344-08	20I0209-09	
	Sample Method	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	
	Sample Date	8/26/2021	5/20/2020	8/31/2020	11/19/2020	3/16/2021	8/25/2021	8/30/2020	8/26/2021	8/30/2020	8/26/2021	9/2/2020	
	Comments	Field Duplicate											
WQ	Organic Carbon (total)	214000 (2000)	268000 (10000)	352000 (10000)	1200000 (500000)	56300 (10000)	21400 (2000)	---	---	---	---	---	
	Nitrate & Nitrite (as N)	U (50)	---	---	---	---	---	---	---	---	---	---	
	Nitrate	---	U (50)	HU (50)	HU (50)	U (50)	U (50)	---	---	---	---	---	
	Nitrite	---	U (50)	HU (50)	HU (50)	U (50)	U (50)	---	---	---	---	---	
	Sulfate	U (1000)	4890 (1000)	U (1000)	HU (1000)	U (1000)	U (1000)	---	---	---	---	---	
VOC	Acetone	710 (10)	14 (1)	220 (10)	U (1)	78 (1)	1.8 J (1)	3.7 (1)	U (1)	U (1)	U (1)	U (1)	
	Benzene	0.45 J (0.2)	U (0.2)	U (0.2)	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)	
	2-Butanone	1100 (10)	31 (0.2)	180 (2)	150 (2)	110 (1)	0.5 (0.2)	28 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	Carbon Disulfide	0.5 (0.2)	0.69 (0.2)	0.22 J (0.2)	0.38 J (0.2)	0.24 J (0.2)	0.51 (0.2)	U (0.2)	U (0.2)	0.35 J (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)	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)	U (0.2)	U (0.2)	0.52 (0.2)	
	1,2-Dibromoethane	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)	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)	
	1,2-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	1.6 (0.2)	0.51 (0.2)	7.5 (0.2)	4.6 (0.2)	4.1 (0.2)	0.75 (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)	
	Ethyl 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-Hexanone	300 (2)	U (0.2)	28 (0.2)	36 (0.2)	35 (0.2)	0.83 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	4-Methyl-2-pentanone	2.7 (0.2)	U (0.2)	2.3 (0.2)	3 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	Methylene Chloride	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	
	Tetrachloroethene	U (0.2)	1.7 (0.2)	0.33 J (0.2)	0.25 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	Toluene	1.4 (0.2)	U (0.2)	0.2 J (0.2)	0.39 J (0.2)	0.67 (0.2)	0.7 (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	U (0.2)	0.27 J (0.2)	U (0.2)	U (0.2)	U (0.2)	0.2 J (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	5.2 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.5 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	ortho-xylene	0.2 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.22 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	
	Xylenes (total)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	
	PDIST	Ethane	U (10)	U (10)	U (100)	U (10)	U (100)	U (50)	---	---	---	---	---
		Ethene	13 (10)	U (10)	U (100)	U (10)	U (100)	U (50)	---	---	---	---	---
		Methane	5600 (100)	U (10)	14000 (100)	33000 (200)	8500 (100)	7800 (50)	---	---	---	---	---
	INORG (Dissolved)												
		Iron	166000 (250)	223000 (1000)	443000 (13900)	266000 (250)	192000 (278)	165000 (250)	---	---	---	---	---

Notes:
1 All concentrations are presented in ug/L (ppb).
2 Only compounds with at least one detection are shown.

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-44A	MW-44B	MW-44B	MW-44C	MW-44C	MW-45A	MW-45A	MW-45A	MW-45A	MW-45A	MW-45A	MW-45B
Field Sample ID	MW44A-210823	MW44B-200902	MW44B-210823	MW44C-200902	MW44C-210823	MW-45A-20200220	MW-45A-200519	MW45A-200901	MW45A-201117	MW45A-210315	MW45A-210824	MW45B-200901
Lab Sample ID	21H1204-01	20I0209-07	21H1204-02	20I0209-08	21H1204-03	20B0768-01	20E0617-01	20I0209-05	20K0801-01	21C0793-02	21H1344-01	20I0209-06
Sample Method	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date	8/23/2021	9/2/2020	8/23/2021	9/2/2020	8/23/2021	2/20/2020	5/19/2020	9/1/2020	11/17/2020	3/15/2021	8/24/2021	9/1/2020
Comments												
WQ												
Organic Carbon (total)	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate & Nitrite (as N)	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate	---	---	---	---	---	---	---	---	---	---	---	---
Nitrite	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	---	---	---	---	---	---	---	---	---	---	---	---
VOC												
Acetone	U (1)	U (1)	U (1)	U (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)	U (0.2)
2-Butanone	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)	10 (0.2)
Carbon Disulfide	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)	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)	U (0.2)
Chloroform	U (0.2)	1.2 (0.2)	0.25 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)
1,2-Dibromoethane	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)	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)	U (0.2)
1,2-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)	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)	U (0.2)
cis-1,2-Dichloroethene	U (0.2)	U (0.2)	0.25 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)
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)	U (0.2)
Ethyl 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)	U (0.2)
2-Hexanone	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)	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)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Methylene Chloride	U (1)	U (1)	1 J (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	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)	U (0.2)
Toluene	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)	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)	U (0.2)
Trichloroethene	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)	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)	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)	U (0.2)
ortho-xylene	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)	U (0.2)
Xylenes (total)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST												
Ethane	---	---	---	---	---	---	---	---	---	---	---	---
Ethene	---	---	---	---	---	---	---	---	---	---	---	---
Methane	---	---	---	---	---	---	---	---	---	---	---	---
INORG (Dissolved)												
Iron	---	---	---	---	---	---	---	---	---	---	---	---

Notes:
1 All concentrations are presented in ug/L (ppb).
2 Only compounds with at least one detection are shown.

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-45B	MW-58A	MW-58A	MW-58B	MW-58B	MW-59A	MW-59A	MW-59B	MW-59B	MW-98-01A	MW-98-01A
Field Sample ID	MW45B-210824	MW58A-200830	MW58A-210827	MW58B-200830	MW58B-210827	MW59A-200903	MW59A-210824	MW59B-200903	MW59B-210824	MW-98-01A-20200220	MW-98-01A-200520
Lab Sample ID	21H1344-02	20H1216-01	21H1447-03	20H1216-06	21H1447-04	20I0209-14	21H1204-06	20I0209-12	21H1204-07	20B0768-05	20E0644-02; 20E0644-02RE1
Sample Method	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump
Sample Date	8/24/2021	8/30/2020	8/27/2021	8/30/2020	8/27/2021	9/3/2020	8/24/2021	9/3/2020	8/24/2021	2/20/2020	5/20/2020
Comments											
WQ											
Organic Carbon (total)	---	---	---	---	---	---	---	---	---	2160 (1000)	84300 (10000)
Nitrate & Nitrite (as N)	---	---	---	---	---	---	---	---	---	---	---
Nitrate	---	---	---	---	---	---	---	---	---	1170 (50)	1360 (50)
Nitrite	---	---	---	---	---	---	---	---	---	U (50)	U (50)
Sulfate	---	---	---	---	---	---	---	---	---	8890 (1000)	6380 (1000)
VOC											
Acetone	U (1)	U (1)	U (1)	U (1)	U (1)	3.6 (1)	U (1)	U (1)	U (1)	U (1)	3.7 (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	U (0.2)	U (0.2)	0.68 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	93 (0.2)
Carbon Disulfide	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)	0.3 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)	1.4 (0.2)	0.91 (0.2)	U (0.2)	U (0.2)	0.94 (0.2)	0.32 J (0.2)	U (0.2)	U (0.2)
1,2-Dibromoethane	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-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)
1,2-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	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)
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)
Ethyl 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-Hexanone	U (0.2)	U (0.2)	0.66 (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)	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)
Methylene Chloride	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	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)	4.1 (0.2)	2.2 (0.2)
Toluene	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)
1,1,1-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	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)
1,2,4-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)
ortho-xylene	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)
Xylenes (total)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST											
Ethane	---	---	---	---	---	---	---	---	---	U (10)	U (10)
Ethene	---	---	---	---	---	---	---	---	---	U (10)	U (10)
Methane	---	---	---	---	---	---	---	---	---	250 (10)	47 (10)
INORG (Dissolved)											
Iron	---	---	---	---	---	---	---	---	---	232 (10)	61000 (200)

Notes:
1 All concentrations are presented in ug/L (ppb).
2 Only compounds with at least one detection are shown.

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-98-01A	MW-98-01A	MW-98-01A	MW-98-01A	MW-98-04	MW-98-04	MW-98-04	MW-98-04	MW-98-04	MW-98-04	MW-98-04B
Field Sample ID	MW98-01A-200901	MW98-01A-201118	MW98-01A-210316	MW9801A-210825	MW-98-04-20200219	MW-98-04-200519	MW98-04-200830	MW98-04-201119	MW98-04A-210315	MW9804-210824	MW98-04B-200830
Lab Sample ID	20I0209-03; 20I0209-03RE1	20K0801-06; 20K0801-06RE1	21C0793-03	21H1344-03; 21H1344-03RE2	20B0740-02	20E0617-02	20H1216-02	20K0890-01; 20K0890-01RE1	21C0793-01	21H1204-08	20H1216-03
Sample Method	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date	9/1/2020	11/18/2020	3/16/2021	8/25/2021	2/19/2020	5/19/2020	8/30/2020	11/19/2020	3/15/2021	8/24/2021	8/30/2020
Comments											
WQ											
Organic Carbon (total)	737000 (10000)	3030000 (500000)	118000 (10000)	223000 (20000)	---	---	---	---	---	---	---
Nitrate & Nitrite (as N)	---	---	---	---	---	---	---	---	---	---	---
Nitrate	HU (50)	U (50)	140 (50)	U (50)	---	---	---	---	---	---	---
Nitrite	HU (50)	U (50)	U (50)	U (50)	---	---	---	---	---	---	---
Sulfate	U (1000)	1580 (1000)	5060 (1000)	1480 (1000)	---	---	---	---	---	---	---
VOC											
Acetone	80 (1)	32 (1)	20 (1)	52 (1)	U (1)	3.6 (1)	27 (1)	90 (5)	1.9 J (1)	U (1)	U (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	220 (1)	92 J (2)	U (0.2)	170 (2)	U (0.2)	4 J (0.2)	25 (0.2)	5.3 (0.2)	U (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	0.85 (0.2)	0.32 J (0.2)	U (0.2)	0.64 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (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)	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)	U (0.2)	U (0.2)	U (0.2)
1,2-Dibromoethane	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-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)
1,2-Dichloroethane	U (0.2)	U (0.2)	0.74 (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	1.9 (0.2)	0.4 J (0.2)	5.9 (0.2)	0.29 J (0.2)	U (0.2)	4 (0.2)	0.28 J (0.2)	U (0.2)	15 (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)
Ethyl 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-Hexanone	7.1 J (0.2)	7.3 (0.2)	U (0.2)	4.5 (0.2)	U (0.2)	0.23 J (0.2)	1.6 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
4-Methyl-2-pentanone	U (0.2)	0.71 (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)
Methylene Chloride	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	7 (0.2)	5.1 (0.2)	5 (0.2)	0.44 J (0.2)	U (0.2)	4.9 (0.2)	2.4 (0.2)	1.3 (0.2)	2.3 (0.2)	0.24 J (0.2)	U (0.2)
Toluene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	65 (0.2)	1.3 (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	0.49 J (0.2)	0.69 (0.2)	0.26 J (0.2)	U (0.2)	U (0.2)	0.24 J (0.2)	U (0.2)	U (0.2)	0.2 J (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)	7.9 (0.2)	U (0.2)	U (0.2)
ortho-xylene	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)
Xylenes (total)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST											
Ethane	U (10)	U (10)	U (10)	U (50)	---	---	---	---	---	---	---
Ethene	U (10)	U (10)	U (10)	U (50)	---	---	---	---	---	---	---
Methane	2100 (10)	1700 (10)	1300 (10)	5800 (50)	---	---	---	---	---	---	---
INORG (Dissolved)											
Iron	297000 (13900)	203000 (250)	97700 (278)	101000 (250)	---	---	---	---	---	---	---

Notes:

- 1 All concentrations are presented in ug/L (ppb).
- 2 Only compounds with at least one detection are shown.

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-98-04B	MW-98-05AR	MW-98-05AR	MW-98-05AR	MW-98-05AR	MW-98-05AR	MW-98-05AR	N-32	N-32	N-32B	N-32B
Field Sample ID	MW9804B-210824	MW-98-05AR-20200219	MW-98-05AR-200519	MW98-05AR-200901	MW98-05A-201119	MW98-05AR-210316	MW-98-05A-210826	N32-200902	N32-210823	N32B-200902	N32B-210823
Lab Sample ID	21H1204-09	20B0740-01	20E0617-03; 20E0617-03RE1	20I0209-04; 20I0209-04RE1	20K0890-03; 20K0890-03RE1	21C0853-01; 21C0853-01RE1	21H1344-09	20I0209-10	21H1204-05	20I0209-11	21H1204-04
Sample Method	Peristaltic Pump	Bladder Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump
Sample Date	8/24/2021	2/19/2020	5/19/2020	9/1/2020	11/19/2020	3/16/2021	8/26/2021	9/2/2020	8/23/2021	9/2/2020	8/23/2021
Comments											
WQ											
Organic Carbon (total)	---	2660 (1000)	220000 (10000)	856000 (10000)	6210000 (500000)	255000 (10000)	186000 (20000)	---	---	---	---
Nitrate & Nitrite (as N)	---	---	---	---	---	---	---	---	---	---	---
Nitrate	---	649 (50)	HU (50)	HU (50)	U (50)	U (50)	U (50)	---	---	---	---
Nitrite	---	U (50)	HU (50)	HU (50)	U (50)	U (50)	U (50)	---	---	---	---
Sulfate	---	6840 (1000)	U (1000)	U (1000)	1230 (1000)	U (1000)	U (1000)	---	---	---	---
VOC											
Acetone	U (1)	U (1)	26 (1)	120 (1)	U (1)	190 (10)	U (1)	U (1)	U (1)	U (1)	U (1)
Benzene	U (0.2)	U (0.2)	0.21 J (0.2)	U (0.2)	0.41 J (0.2)	0.64 (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)	86 J (0.2)	270 (2)	930 (5)	270 (2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	U (0.2)	U (0.2)	0.55 (0.2)	U (0.2)	0.21 J (0.2)	0.21 J (0.2)	U (0.2)	U (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)	0.21 J (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)	0.33 J (0.2)	0.29 J (0.2)	U (0.2)	0.29 J (0.2)
1,2-Dibromoethane	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-Dichloroethane	U (0.2)	U (0.2)	2.3 (0.2)	0.37 J (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-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	U (0.2)	1.4 (0.2)	110 (0.2)	120 (0.2)	75 (0.2)	39 (0.2)	0.62 (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)
Ethyl 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-Hexanone	U (0.2)	U (0.2)	3.7 (0.2)	8.2 (0.2)	31 (0.2)	30 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
4-Methyl-2-pentanone	U (0.2)	U (0.2)	U (0.2)	1.3 (0.2)	3 (0.2)	1.7 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Methylene Chloride	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	U (0.2)	26 J (0.2)	4.5 (0.2)	2.2 (0.2)	0.58 (0.2)	0.36 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Toluene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.52 (0.2)	1 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1,1-Trichloroethane	U (0.2)	3.5 (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)
Trichloroethene	U (0.2)	1.2 (0.2)	2.3 (0.2)	1.5 (0.2)	U (0.2)	0.5 (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)	4.2 J (0.2)	4.1 (0.2)	4.7 (0.2)	3.1 (0.2)	0.34 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
ortho-xylene	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.21 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Xylenes (total)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST											
Ethane	---	U (10)	U (10)	U (100)	U (10)	U (10)	U (50)	---	---	---	---
Ethene	---	U (10)	U (10)	U (100)	U (10)	U (10)	U (50)	---	---	---	---
Methane	---	250 (10)	750 (10)	20000 (100)	13000 (100)	1600 (10)	4300 (50)	---	---	---	---
INORG (Dissolved)											
Iron	---	465 (10)	122000 (200)	438000 (13900)	598000 (250)	255000 (278)	121000 (250)	---	---	---	---

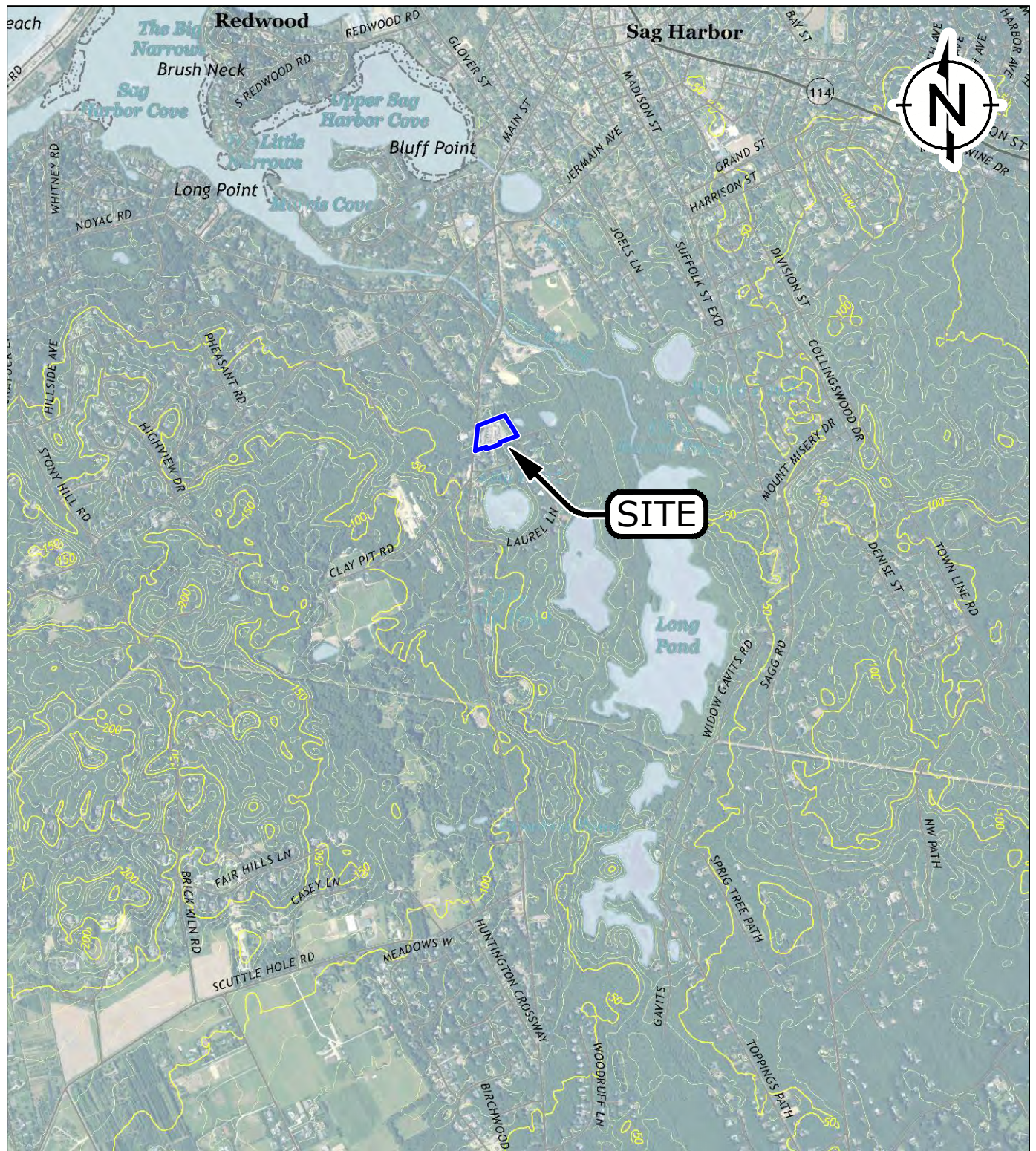
Notes:

- 1 All concentrations are presented in ug/L (ppb).
- 2 Only compounds with at least one detection are shown.

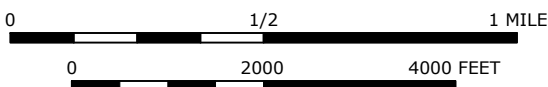
Abbreviations:

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

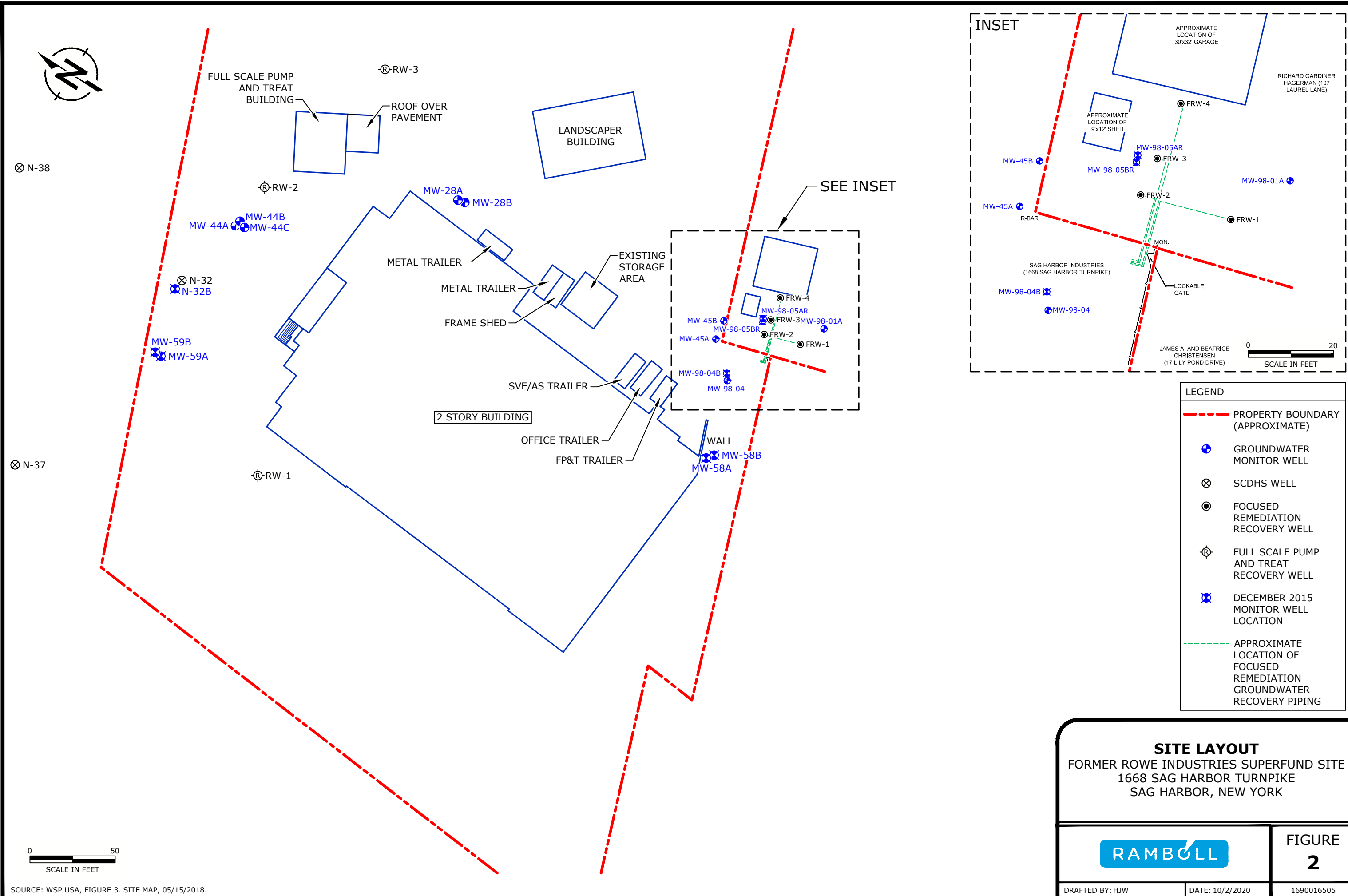
FIGURE
1

DRAFTED BY: HJW

DATE: 10/2/2020

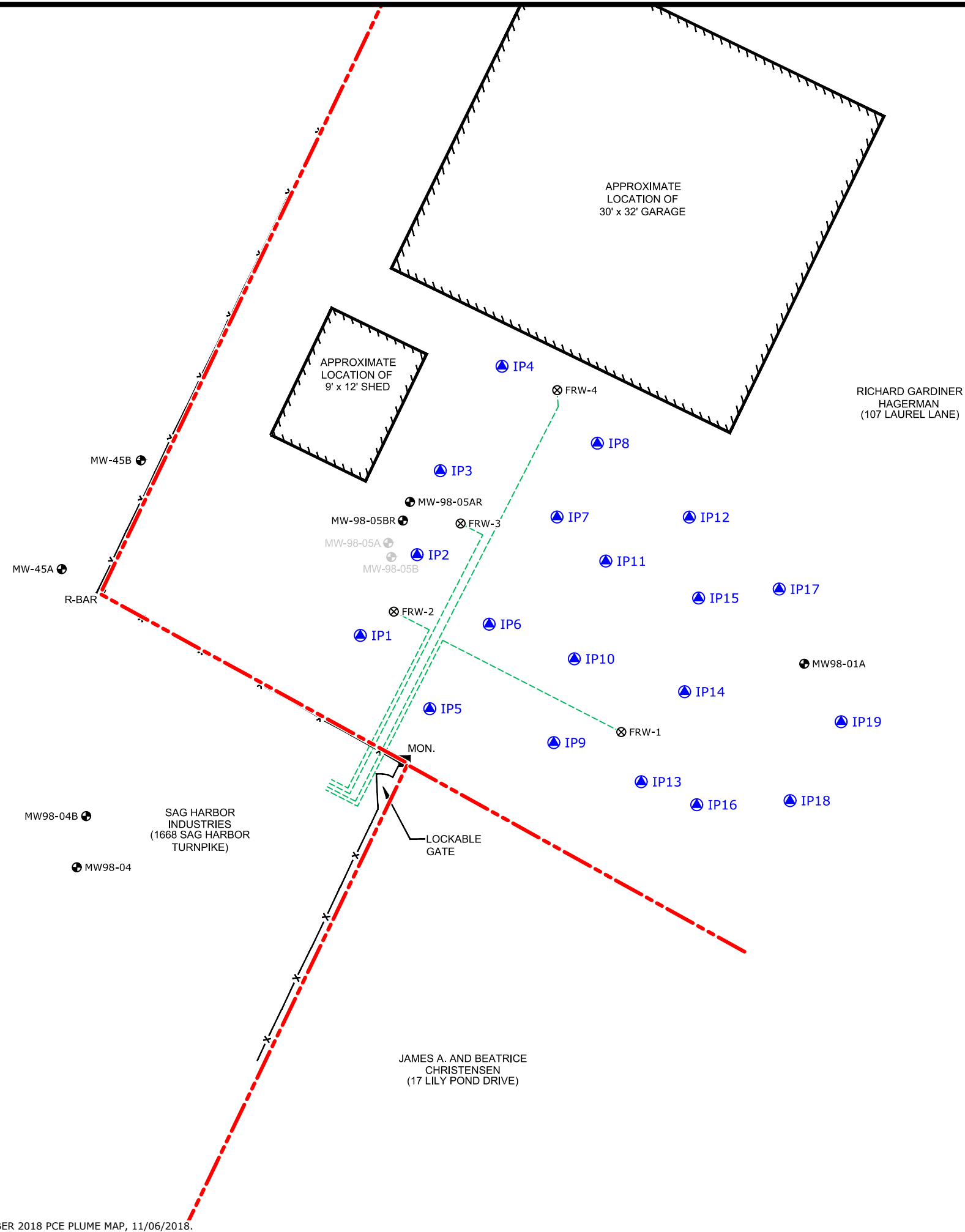
1690016505

L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-10_Monitoring Report\02_Site Layout.dwg



SOURCE: WSP USA, FIGURE 3. SITE MAP, 05/15/2018.

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.

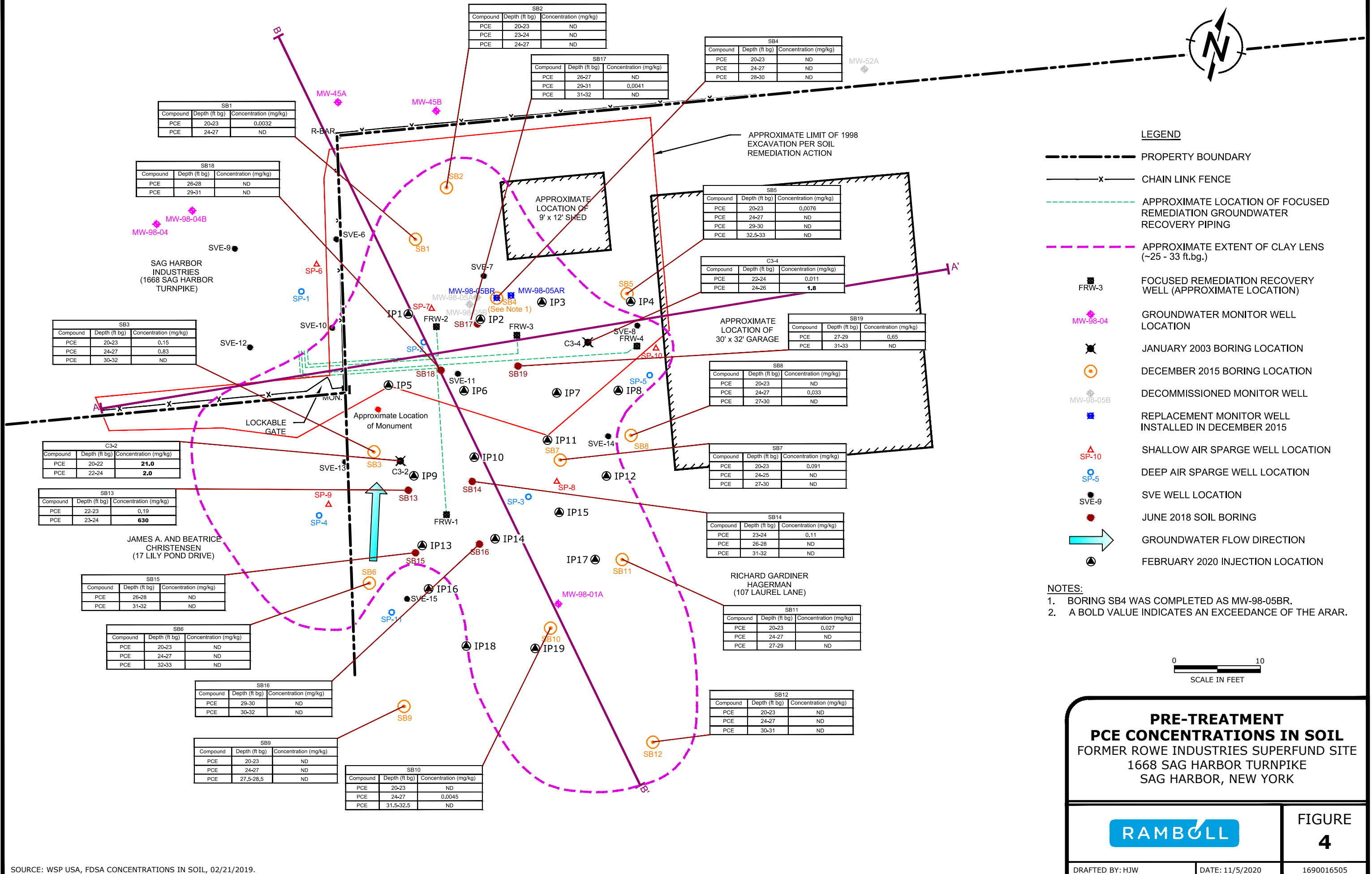


FEBRUARY 2020 ELECTRON DONOR INJECTION LOCATIONS
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK



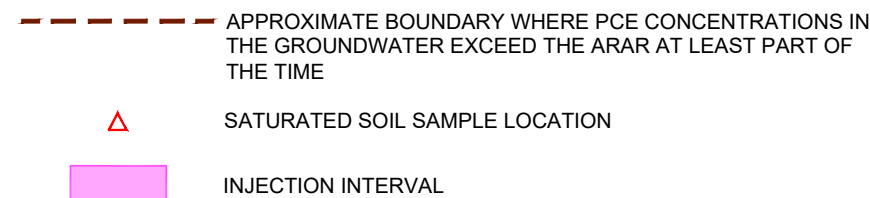
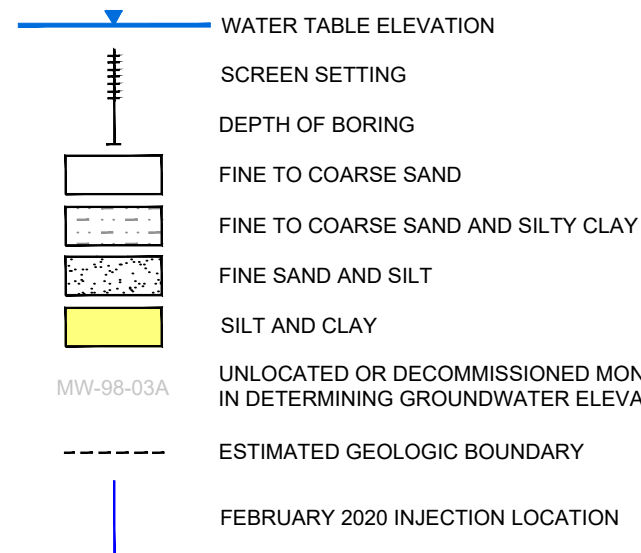
FIGURE
3

L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2020-10_Monitoring Report\04_Pre-Treatment PCE Concentrations in Soil.dwg



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



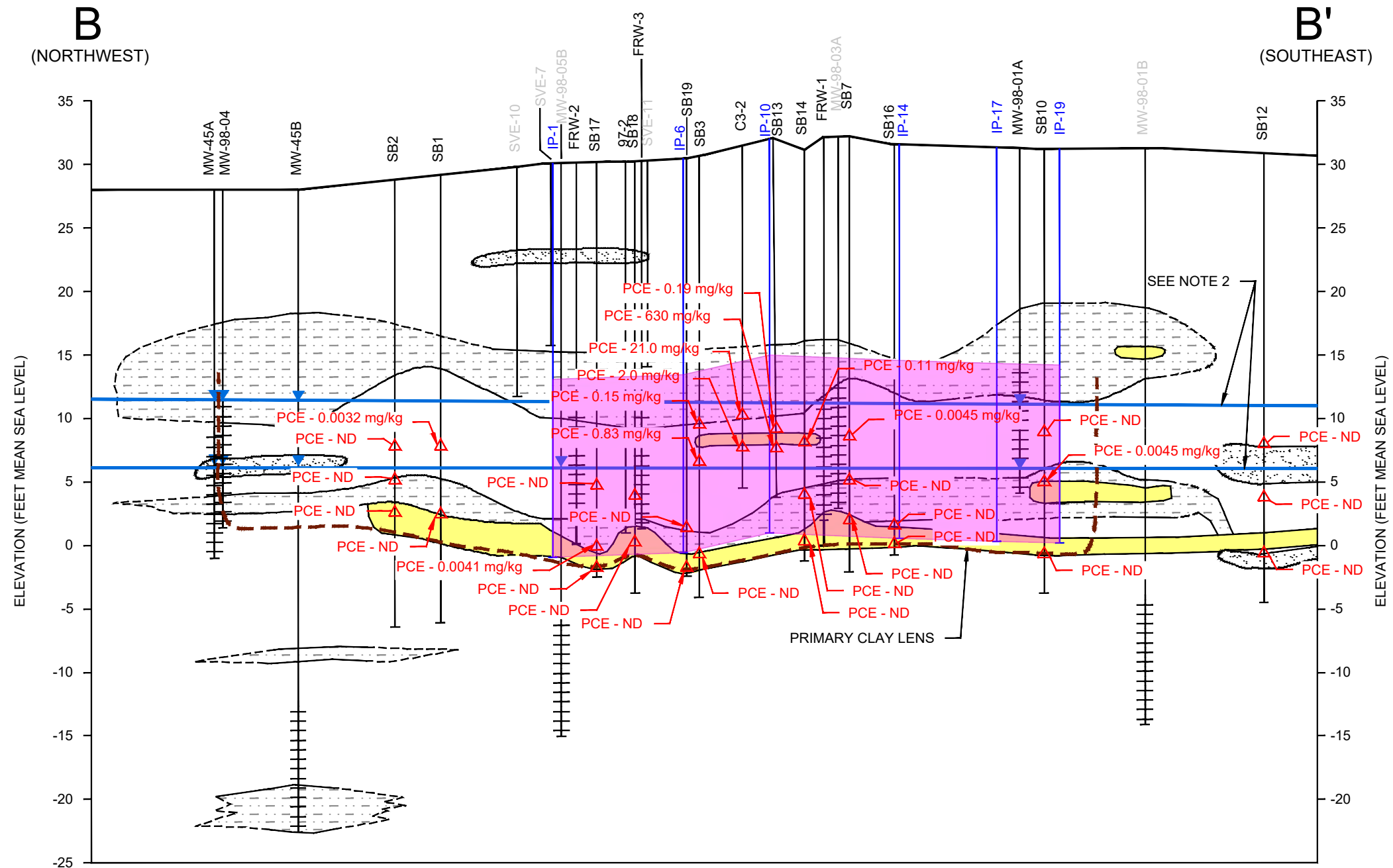
FIGURE
6

DRAFTED BY: HJW

DATE: 4/10/2020

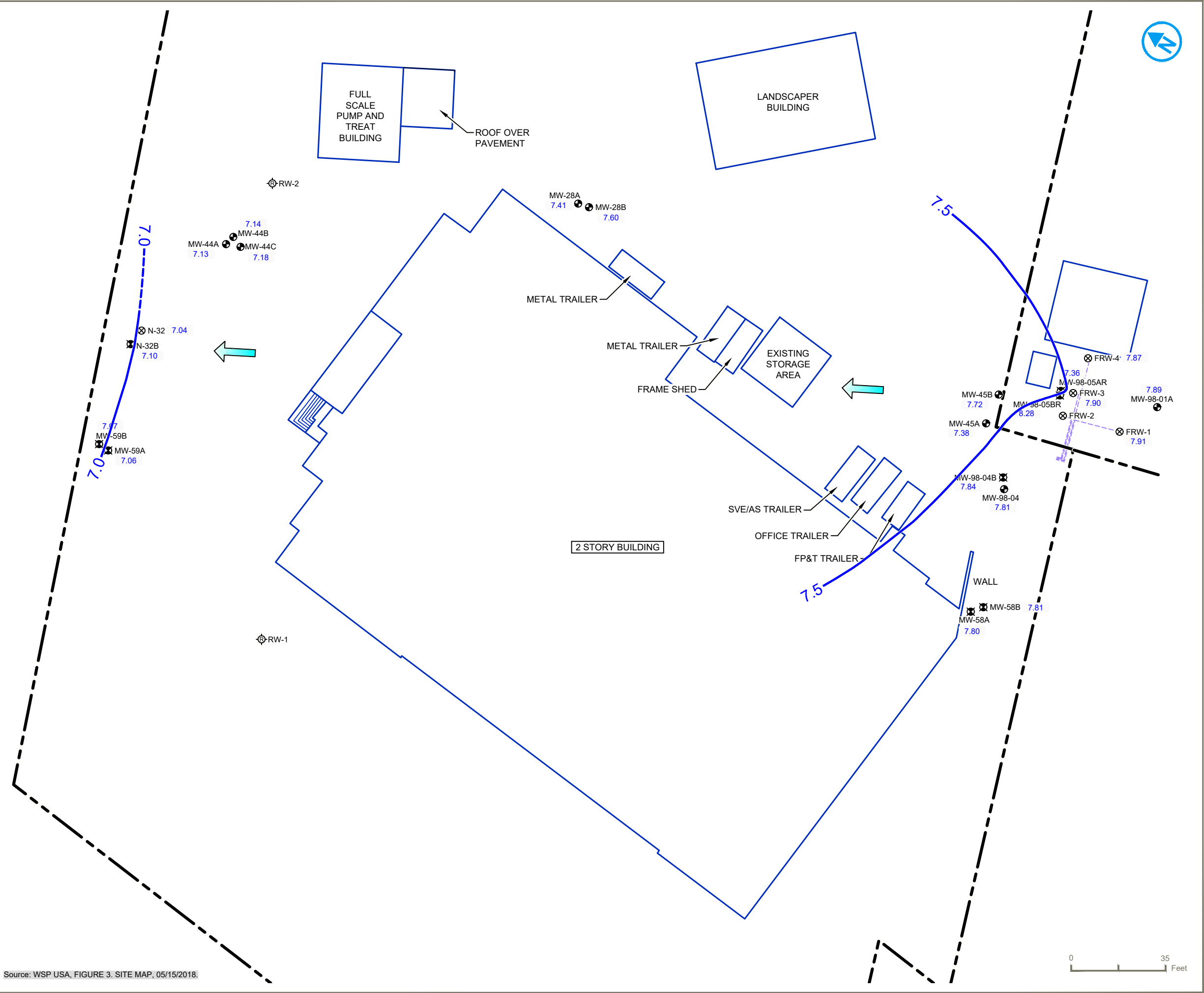
1690016505

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



L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad2021-10_Monitoring Report\07_Potentiometric Surface Map (August 28, 2021).dwg

PROJECT: 1690016505 DATED: 11/23/2021 DESIGNER: ELS



LEGEND

- PROPERTY BOUNDARY
- - - - - APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- ⊗-3 FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- ⊗-4 GROUNDWATER MONITOR WELL
- ⊗-1 FULL SCALE PUMP AND TREAT RECOVERY WELL
- ⊗-05AR DECEMBER 2015 GROUNDWATER MONITOR WELL
- 6.52 POTENTIOMETRIC SURFACE ELEVATION (FT MSL)
- 7.5 - - - - POTENTIOMETRIC SURFACE ELEVATION CONTOUR (0.5-FOOT INTERVALS) (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTES:

- 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.
- ONLY WATER TABLE WELLS (WELLS NOT ENDING IN 'B', 'BR', 'C') WERE USED IN THE POTENTIOMETRIC SURFACE ELEVATION CONTOUR CALCULATION.

**POTENTIOMETRIC SURFACE MAP
(AUGUST 28, 2021)**

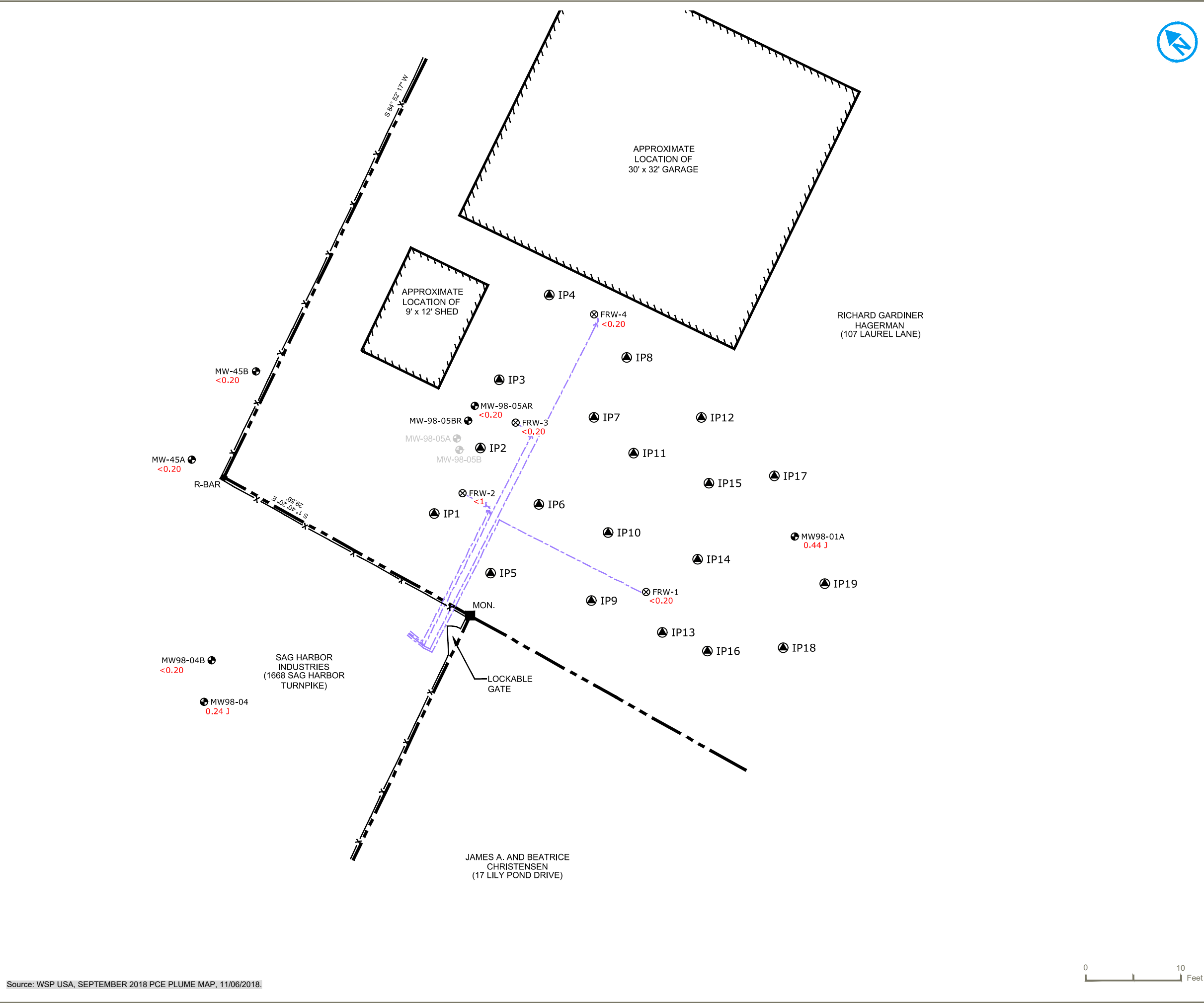
**FORMER ROWE INDUSTRIES
SUPERFUND SITE**
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FIGURE 7

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY



L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad\2021-10_Monitoring Report\08_PCE Concentrations in GW.dwg
PROJECT: 1690016505
DATED: 9/23/2021
DESIGNER: HJW



Source: WSP USA, SEPTEMBER 2018 PCE PLUME MAP, 11/06/2018.



LEGEND

- PROPERTY BOUNDARY
- x— CHAIN LINK FENCE
- - - - - APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- ⊗ FRW-3 FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 GROUNDWATER MONITOR WELL
- 0.44 J PCE CONCENTRATION (µg/L)
- NS NOT SAMPLED
- ⊕ MW-98-05B DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 5 PCE CONCENTRATION CONTOUR (µg/L)
- FEBRUARY 2020 INJECTION LOCATION

- NOTES:**
1. J = ESTIMATED CONCENTRATION AT OR ABOVE THE LEVEL OF DETECTION AND BELOW THE LEVEL OF QUANTIFICATION
 2. 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.

PCE CONCENTRATIONS IN GROUNDWATER (AUGUST 23-27, 2021)

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

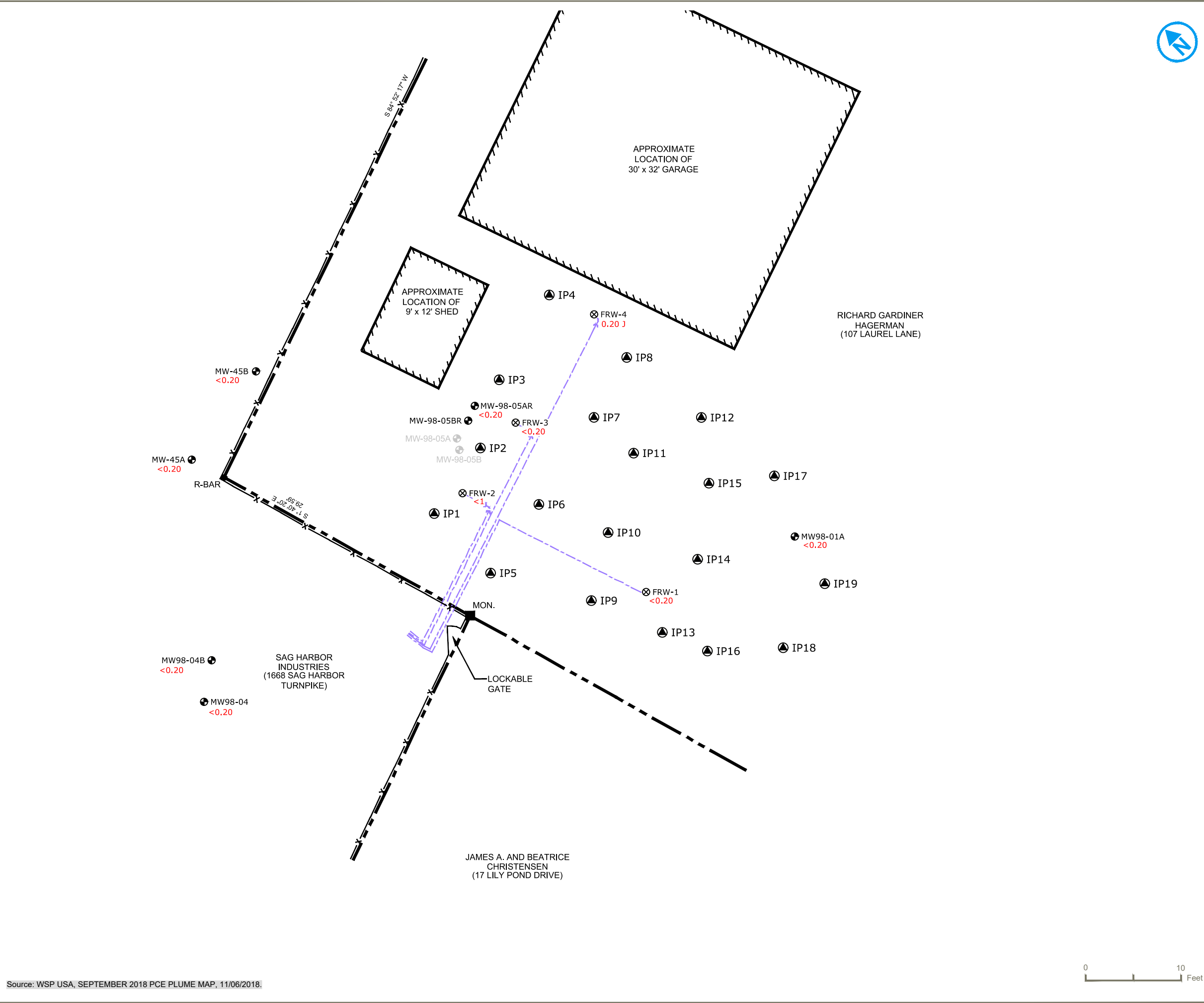
FIGURE 8

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY



L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad\2021-10_Monitoring Report\09_TCE Concentrations in GW.dwg

PROJECT: 1690016505 DATED: 9/23/2021 DESIGNER: HJW



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- GROUNDWATER MONITOR WELL
- 0.20 J TCE CONCENTRATION (µg/L)
- NS NOT SAMPLED
- DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 5 TCE CONCENTRATION CONTOUR (µg/L)
- FEBRUARY 2020 INJECTION LOCATION

- NOTES:
- J = ESTIMATED CONCENTRATION AT OR ABOVE THE LEVEL OF DETECTION AND BELOW THE LEVEL OF QUANTIFICATION
 - 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.

TCE CONCENTRATIONS IN GROUNDWATER (AUGUST 23-27, 2021)

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

FIGURE 9

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

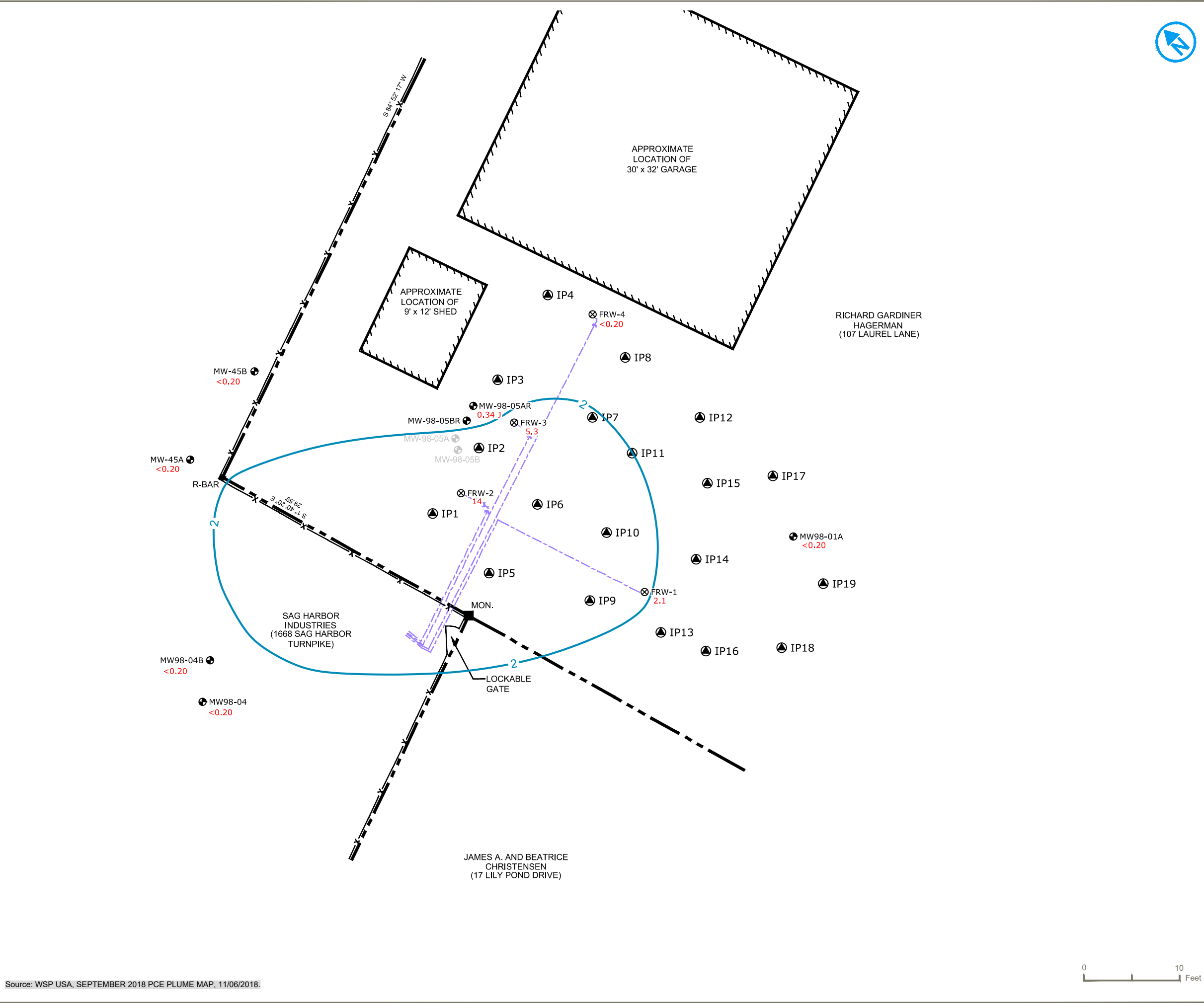


Source: WSP USA, SEPTEMBER 2018 PCE PLUME MAP, 11/06/2018.



L:\Loop Project Files\CAD\1690016505_Kraft_Sag_Harbor\Acad\2021-10_Monitoring Report\11_VC Concentrations in GW.dwg

PROJECT: 1690016505 DATED: 9/21/2021 DESIGNER: HJW



LEGEND

- PROPERTY BOUNDARY
- x— CHAIN LINK FENCE
- - - - - APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- ⊗ FRW-3 FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 GROUNDWATER MONITOR WELL
- 2.1 VC CONCENTRATION (µg/L)
- NS NOT SAMPLED
- ⊕ MW-98-05B DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 2 VC CONCENTRATION CONTOUR (µg/L)
- FEBRUARY 2020 INJECTION LOCATION

- NOTES:**
1. J = ESTIMATED CONCENTRATION AT OR ABOVE THE LEVEL OF DETECTION AND BELOW THE LEVEL OF QUANTIFICATION
 2. 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.

FIGURE 11

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY



APPENDIX A

GROUNDWATER FIELD SAMPLING LOGS

Low Flow Groundwater Sampling Field Log

Site:
Location:

Monitoring Well -

MW-44A

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

Pump Controller -

Refill -  sec

Discharge - secPressure -  psi

Measured Depth to Bottom - 35.18 ft BTOC

Screened Zone - 16-36 ft BGS

Depth to Pump Intake - 34 ft BGS

Pre-Pump (Static) Depth to Water -	22.17	ft BTOC
------------------------------------	-------	---------

Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Exp. 70

[illegible]

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate - 10 mL/min

Sample ID -

Sample Time -

Additional Sample -

Additional Sample ID -

DTW After Purging -

ft bTOC

DTW at Time of Sampling -

ft bTOC

Fe²⁺ (kit)

mg/L

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

Notes

Site:
Location:

Monitoring Well - MW-44B

Sampling Information

Date (MM/DD/YY) - 8/23/21
 Personnel - M. Sweet
 Weather - cloudy / rain 70-80°F
 Sampling Device - peristaltic pump

Pump Controller - perist pump
 Refill - / sec
 Discharge - / sec
 Pressure - / psi

Well Information

Well Vault PID - / ppb
 Well Casing PID - 0.1 ppb
 Well Diameter - 2" inches

Measured Depth to Bottom - 49.35 ft BTOC
 Screened Zone - / ft BGS
 Depth to Pump Intake - 47 ft BGS
 Pre-Pump (Static) Depth to Water - 22.28 ft BTOC
 Post-Pump Depth to Water - / ft BTOC

Well Evacuation Data

Salinization Criteria

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
1005	-	300								
1010		316	5.95	0.175	23.6	16.92	251	0.00	22.32	slightly cloudy
1015		300	5.90	0.175	23.5	16.92	260	0.00	22.31	
1020		300	5.84	0.175	25.6	16.86	260	0.00	22.31	
1025		300	5.92	0.175	22.9	16.84	258	0.00	22.31	
1030		300	5.94	0.174	18.1	16.85	255	0.00	22.31	
1035		300	5.94	0.174	19.7	16.82	253	0.00	22.31	
1040		300	5.96	0.175	18.5	16.81	252	0.00	22.31	
1045		300	5.97	0.175	15.8	16.83	252	0.00	22.31	
1050		300	5.97	0.175	14.6	16.84	252	0.00	22.31	
1055		300	5.97	0.175	14.8	16.78	252	0.00	22.31	
1100		300	5.98	0.175	14.3	16.80	251	0.00	22.31	clear / sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start - slightly cloudy
 Appearance After Purging - clear
 Approx. Total Volume Purged - 4 gal liters
 Purge Rate - 300 mL/min

Sample ID - MW44B-210823
 Sample Time - 1105

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

VOC

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW 44C -

Site:
Location:

Sampling Information

Date (MM/DD/YY) - 8/23/21
 Personnel - M Sweet
 Weather - Overcast / Rain 20-80 F
 Sampling Device - Peristaltic pump
 Well Information

Pump Controller - *pen pump*
 Refill -  sec
 Discharge -  sec
 Pressure -  psi

Well Information

Well Vault PID - ppb
Well Casing PID - 0.4 ppb
Well Diameter - 3" Inches

Measured Depth to Bottom -	72.25	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	70	ft BGS
Pre-Pump (Static) Depth to Water -	72.47	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization C-11-75

[illegible]

Notes / Sample Information

Appearance at Start - clear
 Appearance After Purging - clear
 Approx. Total Volume Purged - 450 liters
 Purge Rate - _____ mL/min

Sample ID - 14W44C-210823
Sample Time - 1200

Additional Sample - [redacted]
Additional Sample ID - [redacted]

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

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site:
Location:

Monitoring Well - N-32B

Sampling Information

Date (MM/DD/YY) - 8/23/21
 Personnel - M Sweet
 Weather - cloudy, rain 70-80°F
 Sampling Device - peristaltic pump

Pump Controller - perist pump
 Refill - sec
 Discharge - sec
 Pressure - psi

Well Information

Well Vault PID - 0.0 ppb
 Well Casing PID - 0.0 ppb
 Well Diameter - 1 inches

Measured Depth to Bottom - 30.97 ft BTOC
 Screened Zone - ft BGS
 Depth to Pump Intake - ft BGS
 Pre-Pump (Static) Depth to Water - ft BTOC
 Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

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
1325	-									
1330		175	6.77	0.251	712	19.32	-72	15.89	26.15	purge, turbid
1335		175	6.76	0.260	691	19.33	-70	3.27	26.15	
1340		175	6.76	0.256	624	20.04	-61	0.72	26.17	
1345		175	6.77	0.253	598	20.24	-61	0.55	26.17	
1350		175	6.75	0.250	528	20.17	-55	0.22	26.22	
1355		175	6.74	0.248	499	20.03	-51	0.12	26.25	
1400		175	6.74	0.248	499	20.03	-51	0.12	26.27	
1405		175	6.69	0.246	461	19.79	-44	0.02	26.28	
1410		175	6.68	0.245	447	19.74	-43	0.0	26.28	
1415		175	6.68	0.244	448	19.70	-42	0.0	26.31	
1420										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - N32B-210823
 Sample Time - 1420

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

VOC

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - N-32

Site: _____
Location: _____

Sampling Information

Date (MM/DD/YY) - 8/23/21
Personnel - M. Suber
Weather - Overcast, Rain 70-80°F
Sampling Device - peristaltic pump

Pump Controller - *periphery*
 Refill - sec
 Discharge - sec
 Pressure - psi

Well Information

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

Measured Depth to Bottom -	27.86	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	27	ft BGS
Pre-Pump (Static) Depth to Water -	25.04	ft BTOC
Post-Pump Depth to Water -		ft BTOC

Well Evacuation Data

Stabilization Criteria	$\lambda = 1.5 \mu$	+ 3%	+ 10%	+ 15%	+ 16.7%	+ 10%	9.5 ft
------------------------	---------------------	------	-------	-------	---------	-------	--------

[illegible]

Sample ID - N32-210823
Sample Time - 1540

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

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site:
Location:

Monitoring Well -

MW 59A

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

ppb

ppb

Inches

Measured Depth to Bottom - 2802 ft BTOC

Screened Zone -  ft BGS

Depth to Pump Intake - 28 ft BGS

Pre-Pump (Static) Depth to Water - 26.7 ft BTOC

Post-Pump Depth to Water - 20.0 ft BTOC

Well Evacuation Data

Stabilization Criteria

[illegible]

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate -

Sample ID -

Sample Time -

Additional Sample -

Additional Sample ID -

DTW After Purging -

DTW at Time of Sampling -

Fe²⁺ (kit)

ft bTOC

ft bTOC

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-98-04

Sampling Information

Date (MM/DD/YY) - 8/24/21
 Personnel - M. Sweet
 Weather - clear 80-90 F
 Sampling Device - peristaltic pump

Pump Controller - perist pump
 Refill - sec
 Discharge - sec
 Pressure - psi

Well Information

Well Vault PID - 5 ppb
 Well Casing PID - 0.5 ppb
 Well Diameter - 2" inches

Measured Depth to Bottom - 24.35 ft BTOC
 Screened Zone - ft BGS
 Depth to Pump Intake - 23 ft BGS
 Pre-Pump (Static) Depth to Water - 20.06 ft BTOC
 Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

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
11:00	-	250								
11:05		250	5.73	0.108	26	17.54	225	4.52	20.08	cloudy
11:10		250	5.51	0.112	16.4	16.78	178	1.31	20.09	
11:15		250	5.47	0.111	38.5	17.70	171	1.04	20.09	
11:20		250	5.42	0.107	25.1	19.20	162	0.64	20.09	
11:25		250	5.40	0.107	13.2	19.05	162	0.57	20.09	
11:30		250	5.39	0.107	13.3	19.18	163	0.54	20.09	
11:35		250	5.39	0.115	13.4	16.50	162	0.57	20.09	
11:40		250	5.32	0.116	14.5	16.37	163	0.57	20.09	
11:45		250	5.32	0.116	14.0	16.34	164	0.53	20.09	
11:50		250	5.31	0.116	13.6	16.33	164	0.53	20.09	
11:55										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - MW9804-210824
 Sample Time - 1155
 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

VOC + MS/MSD

Notes



Low Flow Groundwater Sampling Field Log

Site:
Location:

Monitoring Well -

MW-98-04B

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

Pump Controller -

Refill -

Discharge -

Pressure -

Measured Depth to Bottom -

Screened Zone -

Depth to Pump Intake -

Pre-Pump (Static) Depth to Water -

Post-Pump Depth to Water -

Well Evacuation Data

Sal. 7/10/01 01-16

[illegible]

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate -

Sample ID -

Sample Time -

Additional Sample -

Additional Sample ID -

DTW After Purging -

DTW at Time of Sampling -

 Fe^{2+} (kit)

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

 $V \subset C$

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site:
Location:

Monitoring Well -

MW 45A

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Pump Controller -

Refill -

Discharge -

Pressure -

sec

sec

psi

Well Information

Well Vault PID -

Well Casing PID -

Well Diameter -

ppb

ppb

Inches

Measured Depth to Bottom -

Screened Zone -

Depth to Pump Intake -

Pre-Pump (Static) Depth to Water -

Post-Pump Depth to Water -

ft BTOC

ft BGS

ft BGS

ft BTOC

ft BTOC

Well Evacuation Data

Standardization Criteria

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
1410	-	250								
1415		250	6.27	0.175	50.7	16.01	81	0.44	19.98	purge
1420		250	6.26	0.174	52.7	15.71	68	0.00	19.96	
1425		250	6.20	0.173	34.5	15.62	54	0.00	19.96	
1430		250	6.20	0.173	29.5	15.70	52	0.00	19.96	
1435		250	6.21	0.173	23.7	15.55	46	0.00	19.96	
1440		250	6.22	0.172	15.9	15.57	40	0.00	19.98	
1445		250	6.20	0.172	8.7	15.40	39	0.00	19.98	
1450		250	6.21	0.172	11.0	15.28	38	0.00	19.98	
1455		250	6.21	0.172	9.7	15.28	38	0.00	19.98	
1500		250	6.21	0.172	9.2	15.39	38	0.00	19.98	
1505		250	6.21	0.172	9.8	15.48	37	0.00	19.98	
1510										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID -

Sample Time -

MW 45A-210824
1510

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

Purge Rate -

liters

mL/min

Additional Sample -

Additional Sample ID -

DTW After Purging -

DTW at Time of Sampling -

Fe²⁺ (kit)

ft bTOC

ft bTOC

mg/L

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

VOC

Notes

Site:

Location:

Monitoring Well -

MW 45B

Sampling Information

Date (MM/DD/YY) -

8/24/21

Personnel -

M. Suter

Weather -

clear 80-90F

Sampling Device -

peristaltic pump

Well Information

Well Vault PID -

5 ppb

Well Casing PID -

0.6 ppb

Well Diameter -

2" inches

Pump Controller -

per pump

Refill -

sec

Discharge -

sec

Pressure -

psi

Measured Depth to Bottom -

50.56 ft BTOC

Screened Zone -

ft BGS

Depth to Pump Intake -

ft BGS

Pre-Pump (Static) Depth to Water -

19.81 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
1525	--	250								
1530		250	6.40	0.180	67.2	18.69	-34	2.97	19.81	purge, turbid
1535		250	6.39	0.178	49.8	18.69	-33	0.98	19.81	
1540		250	6.31	0.175	31.0	18.06	-29	0.00	19.82	
1545		250	6.30	0.175	18.8	18.04	-29	0.00	19.82	
1550		250	6.24	0.173	68.1	18.74	-29	0.00	19.82	
1555		250	6.26	0.173	22.4	18.33	-25	0.00	19.82	
1600		250	6.25	0.172	22.3	18.25	-22	0.00	19.82	
1605		250	6.24	0.172	22.6	18.28	-21	0.00	19.82	
1610		250	6.24	0.172	22.9	18.33	-21	0.00	19.82	
1615										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Appearance at Start -

Appearance After Purging -

Approx. Total Volume Purged -

liters

Purge Rate -

mL/min

Sample ID -

MW 45B-210824

Sample Time -

1615

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

UOC

Notes

Site
Location

Monitoring Well - MW-98-01A

Sampling Information

Date (MM/DD/YY) - 8/25/21
 Personnel - M. Sweet
 Weather - clear hazy 80-95F
 Sampling Device - peristaltic pump

Pump Controller - per pump
 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 - 26.81 ft BTOC
 Screened Zone - 26 ft BGS
 Depth to Pump Intake - 26 ft BGS
 Pre-Pump (Static) Depth to Water - 22.49 ft BTOC
 Post-Pump Depth to Water - 22.49 ft BTOC

Well Evacuation Data

Stabilization Criteria										
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
0900	-	250								
0905		250	6.88	0.814	105	16.51	-156	0.00	24.76	Purge
0910		125	6.91	0.743	87.7	16.82	-146	0.00	24.93	
0915		125	6.81	0.571	54	17.04	-130	0.00	25.38	
0920		125	6.70	0.586	25	16.80	-100	0.00	25.38	
0925		125	6.61	0.570	17.1	16.65	-89	0.00	25.40	
0930		125	6.61	0.556	18.8	16.64	-86	0.00	25.42	
0935		125	6.61	0.517	16.4	16.60	-81	0.00	25.50	
0940		125	6.58	0.515	16.7	16.53	-80	0.00	25.52	
0945		125	6.57	0.511	16.6	16.53	-78	0.00	25.54	
0950		125	6.56	0.503	13.4	16.60	-76	0.00	25.50	
0955		125	6.56	0.492	12.7	16.53	-75	0.00	25.57	Sample
1000		125	6.55	0.492	11.7	16.58	-75	0.00	25.33	
1005										
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - MW-98-01A-210825
 Sample Time - 1005
 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

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - FRW-1

Site
Location

Sampling Information

Date (MM/DD/YY) - 8/25/21
 Personnel - M. Schmitt
 Weather - hazy 80-85°F
 Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - - ppb
 Well Casing PID - 16.3 ppb
 Well Diameter - 4" inches

Measured Depth to Bottom - 31.51 ft BTOC
 Screened Zone - - ft BGS
 Depth to Pump Intake - 30 ft BGS
 Pre-Pump (Static) Depth to Water - 28.01 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
1020	-									
1025		250	6.92	0.639	113	19.97	-167	0.00	24.78	cloudy, brown
1030		250	6.93	0.638	145	19.92	-155	0.00	24.78	
1035		200	6.93	0.640	159	20.04	-158	0.00	24.78	
1040		200	6.95	0.635	126	20.23	-157	0.00	24.97	
1045		200	6.95	0.643	84.7	20.51	-151	0.00	24.98	
1050		200	6.95	0.644	83.8	20.96	-150	0.00	24.97	
1055		175	6.96	0.642	82.6	20.63	-150	0.00	24.97	
1100		175	6.96	0.643	84.6	20.80	-149	0.00	24.98	
1105		175	6.97	0.653	104	20.97	-147	0.00	24.99	
1110		175	6.97	0.661	109	21.07	-146	0.00	24.99	
1115		175	6.97	0.661	108	21.08	-146	0.00	25.00	
1120		175	6.97	0.662	116	21.10	-145	0.00	25.01	
1125		175	6.97	0.659	120	21.11	-145	0.00	25.01	
1130		175	6.97	0.659	121	21.11	-145	0.00	25.02	
1135										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - FRW1-210825
 Sample Time - 1135
 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

VOC, sulfone, nitrite/nitrate, DL Fe, Pet Dist,

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site
Location

Monitoring Well - FRW4

Sampling Information

Date (MM/DD/YY) - 8/25/21
 Personnel - M. Sweet
 Weather - hazy 80-95F
 Sampling Device - peristaltic pump

Pump Controller - perist pump
 Refill - 1.00 sec
 Discharge - 1.00 sec
 Pressure - 1.00 psi

Well Information

Well Vault PID - 0 ppb
 Well Casing PID - 0.0 ppb
 Well Diameter - 4.1 inches

Measured Depth to Bottom - 22.79 ft BTOC
 Screened Zone - 22.79 ft BGS
 Depth to Pump Intake - 22.79 ft BGS
 Pre-Pump (Static) Depth to Water - 20.77 ft BTOC
 Post-Pump Depth to Water - 20.77 ft BTOC

Well Evacuation Data

Stabilization Criteria

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
1315	-	200								
1320		200	6.73	0.539	52.5	18.25	-130	15.04	21.0	
1325		200	6.82	0.535	33.8	17.99	-145	0.00	21.33	
1330		200	6.86	0.543	30.9	16.64	-149	0.00	21.55	
1335		175	6.87	0.542	28.9	16.71	-149	0.00	21.64	
1340		175	6.88	0.545	31.0	16.88	-148	0.00	21.72	
1345		175	6.89	0.544	34.1	16.86	-147	0.00	21.81	
1350		175	6.90	0.543	38.0	17.23	-144	0.00	21.82	
1355		175	6.90	0.542	38.5	17.32	-143	0.00	21.83	
1400		175	6.90	0.543	38.3	17.42	-141	0.00	21.85	
1405										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - FRW4-210825
 Sample Time - 1405
 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

VOC, TOC, Petrol Dist, SO₄, NO₃, NO₂, Dis Fe

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - FFW2

Site
Location

Sampling Information

Date (MM/DD/YY) - 8/25/21
 Personnel - M. S. set
 Weather - hazy 80-75 F
 Sampling Device - peristaltic pump
 Well Information -

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

Well Information

Well Vault PID - 2 ppb
Well Casing PID - 28.6 ppb
Well Diameter - 4.0 inches

Measured Depth to Bottom -	38.12	ft BTOC
Screened Zone -	38.12	ft BGS
Depth to Pump Intake -	38.12	ft BGS
Pre-Pump (Static) Depth to Water -	21.58	ft BTOC
Post-Pump Depth to Water -	21.58	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 - FRW2-270825
Sample Time - 1534

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

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site
Location

Monitoring Well - MW28A

Sampling Information

Date (MM/DD/YY) - 8/26/21
 Personnel - M Sweet
 Weather - hazy 80-95F
 Sampling Device - peristaltic pump

Pump Controller - per pump
 Refill - / sec
 Discharge - / sec
 Pressure - / psi

Well Information

Well Vault PID - 1 ppb
 Well Casing PID - 0.0 ppb
 Well Diameter - 2" inches

Measured Depth to Bottom - 39.4 ft BTOC
 Screened Zone - 38 ft BGS
 Depth to Pump Intake - 18.4 ft BGS
 Pre-Pump (Static) Depth to Water - 18.4 ft BTOC
 Post-Pump Depth to Water - 18.4 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
0815	-									
0820		200	6.34	0.333	14.2	18.36	-50	0.00	18.44	purge
0825		200	6.38	0.325	25.0	17.84	-69	0.00	18.45	
0830		200	6.38	0.320	10.6	17.67	-80	0.00	18.44	
0835		200	6.43	0.315	13.4	17.50	-92	0.00	18.44	
0840		200	6.40	0.311	9.5	17.60	-97	0.00	18.43	
0845		200	6.46	0.305	0.0	17.75	-106	0.00	18.44	
0850		200	6.57	0.303	0.0	17.90	-114	0.00	18.44	
0855		200	6.54	0.301	0.0	18.12	-114	0.00	18.44	
0900		200	6.64	0.301	0.0	18.27	-116	0.00	18.44	
0905		200	6.65	0.301	0.0	18.25	-116	0.00	18.44	
0910		200	6.63	0.301	0.0	18.31	-114	0.00	18.44	sample
0915										

Notes / Sample Information

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

Sample ID - MW28A-210826
 Sample Time - 0915

Additional Sample - _____
 Additional Sample ID - _____

DTW After Purging - _____ ft bTOC
 DTW at Time of Sampling - _____ ft bTOC
 Fe²⁺ (kit) 1.0 mg/L

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

VOC

Notes



Low Flow Groundwater Sampling Field Log

Site
Location

Monitoring Well - MW-28B

Sampling Information

Date (MM/DD/YY) -

Personnel -

Weather -

Sampling Device -

Well Information

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

Pump Controller - *per pump*
 Refill - *sec*
 Discharge - *sec*
 Pressure - *psi*

Measured Depth to Bottom -	50.05	ft BTOC
Screened Zone -		ft BGS
Depth to Pump Intake -	4.9	ft BGS
Pre-Pump (Static) Depth to Water -	18.34	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 - _____
 Appearance After Purging - _____
 Approx. Total Volume Purged - _____ liters
 Purge Rate - _____ mL/min

Sample ID - MW280-210826
Sample Time - 1015

Additional Sample - 10273
Additional Sample ID - _____

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

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

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site
Location

Monitoring Well - MW-98-05AR

Sampling Information

Date (MM/DD/YY) - 8/26/21
 Personnel - M. Sweet
 Weather - hazy 90-98F
 Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - 11.2 ppb
 Well Casing PID - 11.2 ppb
 Well Diameter - 22 inches

Measured Depth to Bottom - 26.49 ft BTOC
 Screened Zone - ft BGS
 Depth to Pump Intake - ft BGS
 Pre-Pump (Static) Depth to Water - 21.84 ft BTOC
 Post-Pump Depth to Water - ft BTOC

Well Evacuation Data

Stabilization Criteria

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
1105	-	175								
1110		175	6.80	0.805	197	18.77	-149	16.71	22.79	<u>Purge</u>
1115		175	6.80	0.810	187	18.58	-148	1.45	22.76	
1120		175	6.65	0.778	169	18.06	-135	0.00	22.83	
1125		175	6.50	0.713	136	18.84	-120	0.00	22.87	
1130		175	6.31	0.653	88.8	19.72	-78	0.00	22.92	
1135		175	6.27	0.634	82.0	19.73	-91	0.00	22.92	
1140		175	6.26	0.623	82.2	19.92	-90	0.00	22.93	
1145		175	6.27	0.625	86.8	19.69	-91	0.00	22.93	
1150		175	6.28	0.625	83.5	19.82	-91	0.00	22.93	
1155		175								<u>sample</u>
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - MW9805AR-210826
 Sample Time - 1155
 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

VOC, Petrol Dist, SO₄ NO₃/NO₂, Diss Fe,

Notes

Low Flow Groundwater Sampling Field Log

Monitoring Well - FRW3

**Site
Location**

Sampling Information

Date (MM/DD/YY) - 8/21/21
Personnel - M. Sweet
Weather - hazy 80-95°F
Sampling Device - peristaltic pump

Pump Controller - *per pump*
 Refill - *sec*
 Discharge - *sec*
 Pressure - *psi*

Well Information

Well Vault PID - 1 ppb
Well Casing PID - 19.3 ppb
Well Diameter - 42 Inches

Measured Depth to Bottom -	29.45	ft BTOC
Screened Zone -	28.5	ft BGS
Depth to Pump Intake -	28	ft BGS
Pre-Pump (Static) Depth to Water -	21.41	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 - _____
 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 - TAT, Metals (dissolved), Alkalinity, Chloride, Chemical Oxygen Demand, Total Dissolved Solids (TDS), Hardness, Nitrogen and Sulfate~~

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site
Location

Monitoring Well - MW 58B

Sampling Information

Date (MM/DD/YY) - 8/27/21
 Personnel - M Sweet
 Weather - partly cloudy 80-95°F
 Sampling Device - peristaltic pump

Pump Controller - peni pump
 Refill - / sec
 Discharge - / sec
 Pressure - / psi

Well Information

Well Vault PID - / ppb
 Well Casing PID - 0.0 ppb
 Well Diameter - 2" Inches

Measured Depth to Bottom - 45.50 ft BTOC
 Screened Zone - / ft BGS
 Depth to Pump Intake - 44 ft BGS
 Pre-Pump (Static) Depth to Water - 23.62 ft BTOC
 Post-Pump Depth to Water - / ft BTOC

Well Evacuation Data

Stabilization Criteria

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
1100	-									
1005		200	5.82	0.187	0.0	16.92	206	6.86	23.64	purge
1010		200	5.82	0.187	0.0	17.24	213	6.75	23.67	
1015		200	5.81	0.187	0.0	17.19	215	6.94	23.65	
1020		200	5.81	0.188	0.0	17.17	215	6.98	23.64	
1025		200	5.80	0.186	0.0	17.11	219	6.36	23.63	
1030		200	5.81	0.187	0.0	17.21	220	8.76	23.64	
1035		200	5.80	0.185	0.0	16.75	221	8.71	23.64	
1040		200	5.81	0.185	0.0	17.17	221	8.44	23.68	
1045		200	5.82	0.187	0.0	17.84	221	8.22	23.64	
1050		200	5.82	0.187	0.0	17.84	221	8.21	23.64	
1055		200	5.87	0.187	0.0	17.86	221	8.21	23.64	
1100		200	5.83	0.186	0.0	17.85	221	8.21	23.64	
1105										sample
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - MW 58B-210827
 Sample Time - 1105
 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

VOC

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: 09/22/2021

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

York Project (SDG) No.: 21H1204

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: 09/22/2021
Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind.
York Project (SDG) No.: 21H1204

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 24, 2021 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>
21H1204-01	MW44A-210823	Water	08/23/2021	08/24/2021
21H1204-02	MW44B-210823	Water	08/23/2021	08/24/2021
21H1204-03	MW44C-210823	Water	08/23/2021	08/24/2021
21H1204-04	N32B-210823	Water	08/23/2021	08/24/2021
21H1204-05	N32-210823	Water	08/23/2021	08/24/2021
21H1204-06	MW59A-210824	Water	08/24/2021	08/24/2021
21H1204-07	MW59B-210824	Water	08/24/2021	08/24/2021
21H1204-08	MW9804-210824	Water	08/24/2021	08/24/2021
21H1204-09	MW9804B-210824	Water	08/24/2021	08/24/2021
21H1204-10	TB01-210824	Water	08/24/2021	08/24/2021

General Notes for York Project (SDG) No.: 21H1204

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

Approved By: 

Date: 09/22/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW44A-210823

York Sample ID: 21H1204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 9:50 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 13:52	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 13:52	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:52	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:52	PD



Sample Information

Client Sample ID: MW44A-210823

York Sample ID: 21H1204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 9:50 am

08/24/2021

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:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD



Sample Information

Client Sample ID: MW44A-210823

York Sample ID: 21H1204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 9:50 am

08/24/2021

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:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:52	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:52	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:52	PD



Sample Information

Client Sample ID: MW44A-210823

York Sample ID: 21H1204-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 9:50 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 13:52	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 13:52	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	88.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.5 %			79-122						

Sample Information

Client Sample ID: MW44B-210823

York Sample ID: 21H1204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Harbor/Frmr Rowe Ind.

Water

August 23, 2021 11:05 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 14:20	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 14:20	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 14:20	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 14:20	PD



Sample Information

Client Sample ID: MW44B-210823

York Sample ID: 21H1204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 11:05 am

08/24/2021

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:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD



Sample Information

Client Sample ID: MW44B-210823

York Sample ID: 21H1204-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 11:05 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
67-66-3	Chloroform	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
156-59-2	cis-1,2-Dichloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
75-09-2	Methylene chloride	1.0	SCAL-E , J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:20	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 14:20	PD



Sample Information

Client Sample ID: MW44C-210823

York Sample ID: 21H1204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 12:00 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 14:48	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD



Sample Information

Client Sample ID: MW44C-210823

York Sample ID: 21H1204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 12:00 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD



Sample Information

Client Sample ID: MW44C-210823

York Sample ID: 21H1204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 12:00 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 14:48	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 14:48	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 14:48	PD



Sample Information

Client Sample ID: MW44C-210823

York Sample ID: 21H1204-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 12:00 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 14:48	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	87.6 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.0 %		79-122							

Sample Information

Client Sample ID: N32B-210823

York Sample ID: 21H1204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 2:20 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 15:17	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 15:17	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD



Sample Information

Client Sample ID: N32B-210823

York Sample ID: 21H1204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 2:20 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:17	PD



Sample Information

Client Sample ID: N32B-210823

York Sample ID: 21H1204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 2:20 pm

08/24/2021

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:	08/27/2021 09:00	08/27/2021 15:17	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
67-66-3	Chloroform	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:17	PD



Sample Information

Client Sample ID: N32B-210823

York Sample ID: 21H1204-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 2:20 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 15:17	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:17	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 15:17	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	88.2 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.6 %	79-122								

Sample Information

Client Sample ID: N32-210823

York Sample ID: 21H1204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 3:40 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 15:45	PD



Sample Information

Client Sample ID: N32-210823

York Sample ID: 21H1204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 3:40 pm

08/24/2021

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:	08/27/2021 09:00	08/27/2021 15:45	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD



Sample Information

Client Sample ID: N32-210823

York Sample ID: 21H1204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 3:40 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
67-66-3	Chloroform	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 15:45	PD



Sample Information

Client Sample ID: N32-210823

York Sample ID: 21H1204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 3:40 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 15:45	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 15:45	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 15:45	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 15:45	PD

Surrogate Recoveries

Result

Acceptance Range

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@

Page 20 of 51



Sample Information

Client Sample ID: N32-210823

York Sample ID: 21H1204-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 23, 2021 3:40 pm

08/24/2021

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	104 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	87.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.2 %			79-122						

Sample Information

Client Sample ID: MW59A-210824

York Sample ID: 21H1204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 9:05 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 16:13	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 16:13	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD



Sample Information

Client Sample ID: MW59A-210824

York Sample ID: 21H1204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 9:05 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:13	PD



Sample Information

Client Sample ID: MW59A-210824

York Sample ID: 21H1204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 9:05 am

08/24/2021

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:	08/27/2021 09:00	08/27/2021 16:13	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 16:13	PD



Sample Information

Client Sample ID: MW59A-210824

York Sample ID: 21H1204-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 9:05 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 16:13	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:13	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 16:13	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	87.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.4 %	79-122								

Sample Information

Client Sample ID: MW59B-210824

York Sample ID: 21H1204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 10:00 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 16:42	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:42	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 16:42	PD



Sample Information

Client Sample ID: MW59B-210824

York Sample ID: 21H1204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 10:00 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 16:42	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD



Sample Information

Client Sample ID: MW59B-210824

York Sample ID: 21H1204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 10:00 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
67-66-3	Chloroform	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD



Sample Information

Client Sample ID: MW59B-210824

York Sample ID: 21H1204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 10:00 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 16:42	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 16:42	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	87.6 %	81-117								



Sample Information

Client Sample ID: MW59B-210824

York Sample ID: 21H1204-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 10:00 am

08/24/2021

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	93.4 %			79-122						

Sample Information

Client Sample ID: MW9804-210824

York Sample ID: 21H1204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 11:55 am

08/24/2021

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	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	08/27/2021 09:00	08/27/2021 17:10	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: MW9804-210824

York Sample ID: 21H1204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 11:55 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD



Sample Information

Client Sample ID: MW9804-210824

York Sample ID: 21H1204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 11:55 am

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:10	PD



Sample Information

Client Sample ID: MW9804-210824

York Sample ID: 21H1204-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 11:55 am

08/24/2021

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:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	0.24	CCV-E, ICV-E, J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:10	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	87.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	93.1 %	79-122								

Sample Information

Client Sample ID: MW9804B-210824

York Sample ID: 21H1204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 12:55 pm

08/24/2021

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:	08/27/2021 09:00	08/27/2021 17:39	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



Sample Information

Client Sample ID: MW9804B-210824

York Sample ID: 21H1204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 12:55 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 17:39	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD



Sample Information

Client Sample ID: MW9804B-210824

York Sample ID: 21H1204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 12:55 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD



Sample Information

Client Sample ID: MW9804B-210824

York Sample ID: 21H1204-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 12:55 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2021 17:39	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2021 17:39	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 17:39	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 17:39	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 17:39	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	87.2 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.0 %	79-122								



Sample Information

Client Sample ID: TB01-210824

York Sample ID: 21H1204-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 3:00 pm

08/24/2021

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	08/27/2021 09:00	08/27/2021 13:23	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 13:23	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:23	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 09:00	08/27/2021 13:23	PD



Sample Information

Client Sample ID: TB01-210824

York Sample ID: 21H1204-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 3:00 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD



Sample Information

Client Sample ID: TB01-210824

York Sample ID: 21H1204-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 3:00 pm

08/24/2021

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:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:23	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00	08/27/2021 13:23	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 13:23	PD



Sample Information

Client Sample ID: TB01-210824

York Sample ID: 21H1204-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1204

1690016505 Kraft Sag Harbor/Frmr Rowe Ind.

Water

August 24, 2021 3:00 pm

08/24/2021

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: CTD0H,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 09:00	08/27/2021 13:23	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	88.8 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.2 %			79-122						



Analytical Batch Summary

Batch ID: BH11573

Preparation Method: EPA 5030B

Prepared By: PD

YORK Sample ID	Client Sample ID	Preparation Date
21H1204-01	MW44A-210823	08/27/21
21H1204-02	MW44B-210823	08/27/21
21H1204-03	MW44C-210823	08/27/21
21H1204-04	N32B-210823	08/27/21
21H1204-05	N32-210823	08/27/21
21H1204-06	MW59A-210824	08/27/21
21H1204-07	MW59B-210824	08/27/21
21H1204-08	MW9804-210824	08/27/21
21H1204-09	MW9804B-210824	08/27/21
21H1204-10	TB01-210824	08/27/21
BH11573-BLK1	Blank	08/27/21
BH11573-BS1	LCS	08/27/21
BH11573-BSD1	LCS Dup	08/27/21
BH11573-MS1	Matrix Spike	08/27/21
BH11573-MSD1	Matrix Spike Dup	08/27/21



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 BH11573 - EPA 5030B											
Blank (BH11573-BLK1)										Prepared & Analyzed: 08/27/2021	
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 BH11573 - EPA 5030B

Blank (BH11573-BLK1)

Prepared & Analyzed: 08/27/2021

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

10.4

"

10.0

104

69-130

Surrogate: SURR: Toluene-d8

8.85

"

10.0

88.5

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.30

"

10.0

93.0

79-122

LCS (BH11573-BS1)

Prepared & Analyzed: 08/27/2021

1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126
1,1,1-Trichloroethane	12.2		"	10.0		122	78-136
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.0		"	10.0		130	54-165
1,1,2-Trichloroethane	9.38		"	10.0		93.8	82-123
1,1-Dichloroethane	11.8		"	10.0		118	82-129
1,1-Dichloroethylene	11.8		"	10.0		118	68-138
1,1-Dichloropropylene	11.5		"	10.0		115	83-133
1,2,3-Trichlorobenzene	9.10		"	10.0		91.0	76-136
1,2,3-Trichloropropane	8.70		"	10.0		87.0	77-128
1,2,4,5-Tetramethylbenzene	9.08		"	10.0		90.8	85-140
1,2,4-Trichlorobenzene	9.13		"	10.0		91.3	76-137
1,2,4-Trimethylbenzene	8.89		"	10.0		88.9	82-132
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	45-147
1,2-Dibromoethane	9.62		"	10.0		96.2	83-124
1,2-Dichlorobenzene	9.31		"	10.0		93.1	79-123
1,2-Dichloroethane	11.5		"	10.0		115	73-132
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126
1,3,5-Trimethylbenzene	8.77		"	10.0		87.7	80-131
1,3-Dichlorobenzene	9.27		"	10.0		92.7	86-122
1,3-Dichloropropane	9.08		"	10.0		90.8	81-125
1,4-Dichlorobenzene	9.76		"	10.0		97.6	85-124
2,2-Dichloropropane	13.0		"	10.0		130	56-150
2-Butanone	10.9		"	10.0		109	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
Batch BH11573 - EPA 5030B											
LCS (BH11573-BS1)						Prepared & Analyzed: 08/27/2021					
2-Chlorotoluene	8.99		ug/L	10.0		89.9	79-130				
2-Hexanone	7.55		"	10.0		75.5	51-146				
4-Chlorotoluene	9.77		"	10.0		97.7	79-128				
4-Methyl-2-pentanone	7.95		"	10.0		79.5	57-145				
Acetone	6.35		"	10.0		63.5	14-150				
Benzene	12.5		"	10.0		125	85-126				
Bromobenzene	8.47		"	10.0		84.7	78-129				
Bromochloromethane	11.4		"	10.0		114	77-128				
Bromodichloromethane	9.05		"	10.0		90.5	79-128				
Bromoform	9.74		"	10.0		97.4	78-133				
Bromomethane	1.14		"	10.0		11.4	43-168	Low Bias			
Carbon disulfide	13.0		"	10.0		130	68-146				
Carbon tetrachloride	12.8		"	10.0		128	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	13.4		"	10.0		134	65-136				
Chloroform	12.1		"	10.0		121	82-128				
Chloromethane	10.3		"	10.0		103	43-155				
cis-1,2-Dichloroethylene	11.7		"	10.0		117	83-129				
cis-1,3-Dichloropropylene	9.37		"	10.0		93.7	80-131				
Dibromochloromethane	9.69		"	10.0		96.9	80-130				
Dibromomethane	9.45		"	10.0		94.5	72-134				
Dichlorodifluoromethane	12.2		"	10.0		122	44-144				
Ethyl Benzene	9.70		"	10.0		97.0	80-131				
Hexachlorobutadiene	8.33		"	10.0		83.3	67-146				
Isopropylbenzene	9.07		"	10.0		90.7	76-140				
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135				
Methylene chloride	9.52		"	10.0		95.2	55-137				
Naphthalene	8.97		"	10.0		89.7	70-147				
n-Butylbenzene	8.26		"	10.0		82.6	79-132				
n-Propylbenzene	8.78		"	10.0		87.8	78-133				
o-Xylene	9.79		"	10.0		97.9	78-130				
p- & m- Xylenes	19.8		"	20.0		98.8	77-133				
p-Diethylbenzene	8.92		"	10.0		89.2	84-134				
p-Ethyltoluene	9.38		"	10.0		93.8	88-129				
p-Isopropyltoluene	9.02		"	10.0		90.2	81-136				
sec-Butylbenzene	8.73		"	10.0		87.3	79-137				
Styrene	9.57		"	10.0		95.7	67-132				
tert-Butylbenzene	9.00		"	10.0		90.0	77-138				
Tetrachloroethylene	5.71		"	10.0		57.1	82-131	Low Bias			
Toluene	9.60		"	10.0		96.0	80-127				
trans-1,2-Dichloroethylene	11.9		"	10.0		119	80-132				
trans-1,3-Dichloropropylene	9.33		"	10.0		93.3	78-131				
Trichloroethylene	8.93		"	10.0		89.3	82-128				
Trichlorofluoromethane	14.0		"	10.0		140	67-139	High Bias			
Vinyl Chloride	12.1		"	10.0		121	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	8.86		"	10.0		88.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.27		"	10.0		92.7	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	Limit	Flag
Batch BH11573 - EPA 5030B											
LCS Dup (BH11573-BSD1)						Prepared & Analyzed: 08/27/2021					
1,1,1,2-Tetrachloroethane	9.73		ug/L	10.0		97.3	82-126		0.412	30	
1,1,1-Trichloroethane	12.1		"	10.0		121	78-136		0.743	30	
1,1,2,2-Tetrachloroethane	9.38		"	10.0		93.8	76-129		1.61	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.0		"	10.0		130	54-165		0.0771	30	
1,1,2-Trichloroethane	9.44		"	10.0		94.4	82-123		0.638	30	
1,1-Dichloroethane	11.8		"	10.0		118	82-129		0.169	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		1.19	30	
1,1-Dichloropropylene	11.4		"	10.0		114	83-133		0.609	30	
1,2,3-Trichlorobenzene	9.25		"	10.0		92.5	76-136		1.63	30	
1,2,3-Trichloropropane	8.96		"	10.0		89.6	77-128		2.94	30	
1,2,4,5-Tetramethylbenzene	9.13		"	10.0		91.3	85-140		0.549	30	
1,2,4-Trichlorobenzene	9.09		"	10.0		90.9	76-137		0.439	30	
1,2,4-Trimethylbenzene	8.95		"	10.0		89.5	82-132		0.673	30	
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	45-147		0.00	30	
1,2-Dibromoethane	9.68		"	10.0		96.8	83-124		0.622	30	
1,2-Dichlorobenzene	9.28		"	10.0		92.8	79-123		0.323	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		2.24	30	
1,2-Dichloropropane	9.24		"	10.0		92.4	78-126		0.00	30	
1,3,5-Trimethylbenzene	8.85		"	10.0		88.5	80-131		0.908	30	
1,3-Dichlorobenzene	9.29		"	10.0		92.9	86-122		0.216	30	
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125		0.549	30	
1,4-Dichlorobenzene	9.72		"	10.0		97.2	85-124		0.411	30	
2,2-Dichloropropane	12.8		"	10.0		128	56-150		1.24	30	
2-Butanone	11.1		"	10.0		111	49-152		1.82	30	
2-Chlorotoluene	8.97		"	10.0		89.7	79-130		0.223	30	
2-Hexanone	7.69		"	10.0		76.9	51-146		1.84	30	
4-Chlorotoluene	9.75		"	10.0		97.5	79-128		0.205	30	
4-Methyl-2-pentanone	8.12		"	10.0		81.2	57-145		2.12	30	
Acetone	6.67		"	10.0		66.7	14-150		4.92	30	
Benzene	12.3		"	10.0		123	85-126		1.13	30	
Bromobenzene	8.46		"	10.0		84.6	78-129		0.118	30	
Bromochloromethane	11.2		"	10.0		112	77-128		2.30	30	
Bromodichloromethane	9.08		"	10.0		90.8	79-128		0.331	30	
Bromoform	9.79		"	10.0		97.9	78-133		0.512	30	
Bromomethane	1.68		"	10.0		16.8	43-168	Low Bias	38.3	30	Non-dir.
Carbon disulfide	12.8		"	10.0		128	68-146		1.63	30	
Carbon tetrachloride	12.9		"	10.0		129	77-141		0.933	30	
Chlorobenzene	10.3		"	10.0		103	88-120		0.00	30	
Chloroethane	13.1		"	10.0		131	65-136		2.27	30	
Chloroform	12.1		"	10.0		121	82-128		0.00	30	
Chloromethane	9.34		"	10.0		93.4	43-155		9.97	30	
cis-1,2-Dichloroethylene	11.7		"	10.0		117	83-129		0.0856	30	
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	80-131		0.532	30	
Dibromochloromethane	9.76		"	10.0		97.6	80-130		0.720	30	
Dibromomethane	9.54		"	10.0		95.4	72-134		0.948	30	
Dichlorodifluoromethane	11.9		"	10.0		119	44-144		2.49	30	
Ethyl Benzene	9.67		"	10.0		96.7	80-131		0.310	30	
Hexachlorobutadiene	8.68		"	10.0		86.8	67-146		4.12	30	
Isopropylbenzene	9.11		"	10.0		91.1	76-140		0.440	30	
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	76-135		0.945	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 BH11573 - EPA 5030B											
LCS Dup (BH11573-BSD1)						Prepared & Analyzed: 08/27/2021					
Methylene chloride	9.73		ug/L	10.0		97.3	55-137		2.18	30	
Naphthalene	8.84		"	10.0		88.4	70-147		1.46	30	
n-Butylbenzene	8.41		"	10.0		84.1	79-132		1.80	30	
n-Propylbenzene	8.83		"	10.0		88.3	78-133		0.568	30	
o-Xylene	9.74		"	10.0		97.4	78-130		0.512	30	
p- & m- Xylenes	19.7		"	20.0		98.4	77-133		0.406	30	
p-Diethylbenzene	9.06		"	10.0		90.6	84-134		1.56	30	
p-Ethyltoluene	9.45		"	10.0		94.5	88-129		0.743	30	
p-Isopropyltoluene	9.15		"	10.0		91.5	81-136		1.43	30	
sec-Butylbenzene	8.89		"	10.0		88.9	79-137		1.82	30	
Styrene	9.54		"	10.0		95.4	67-132		0.314	30	
tert-Butylbenzene	9.11		"	10.0		91.1	77-138		1.21	30	
Tetrachloroethylene	5.68		"	10.0		56.8	82-131	Low Bias	0.527	30	
Toluene	9.55		"	10.0		95.5	80-127		0.522	30	
trans-1,2-Dichloroethylene	11.9		"	10.0		119	80-132		0.252	30	
trans-1,3-Dichloropropylene	9.29		"	10.0		92.9	78-131		0.430	30	
Trichloroethylene	8.96		"	10.0		89.6	82-128		0.335	30	
Trichlorofluoromethane	13.7		"	10.0		137	67-139		2.23	30	
Vinyl Chloride	12.2		"	10.0		122	58-145		1.07	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	8.89		"	10.0		88.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.30		"	10.0		93.0	79-122				
Matrix Spike (BH11573-MS1)						*Source sample: 21H1204-08 (MW9804-210824) Prepared & Analyzed: 08/27/2021					
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0	0.00	110	45-161				
1,1,1-Trichloroethane	15.2		"	10.0	0.00	152	70-146	High Bias			
1,1,2,2-Tetrachloroethane	10.4		"	10.0	0.00	104	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	16.3		"	10.0	0.00	163	21-217				
1,1,2-Trichloroethane	10.5		"	10.0	0.00	105	59-146				
1,1-Dichloroethane	14.4		"	10.0	0.00	144	54-146				
1,1-Dichloroethylene	15.2		"	10.0	0.00	152	44-165				
1,1-Dichloropropylene	14.2		"	10.0	0.00	142	82-134	High Bias			
1,2,3-Trichlorobenzene	10.4		"	10.0	0.00	104	40-161				
1,2,3-Trichloropropane	9.85		"	10.0	0.00	98.5	74-127				
1,2,4,5-Tetramethylbenzene	10.2		"	10.0	0.00	102	27-190				
1,2,4-Trichlorobenzene	10.2		"	10.0	0.00	102	41-161				
1,2,4-Trimethylbenzene	10.0		"	10.0	0.00	100	72-129				
1,2-Dibromo-3-chloropropane	9.38		"	10.0	0.00	93.8	31-151				
1,2-Dibromoethane	10.9		"	10.0	0.00	109	75-125				
1,2-Dichlorobenzene	10.5		"	10.0	0.00	105	63-122				
1,2-Dichloroethane	13.9		"	10.0	0.00	139	68-131	High Bias			
1,2-Dichloropropane	10.8		"	10.0	0.00	108	77-121				
1,3,5-Trimethylbenzene	10.1		"	10.0	0.00	101	69-126				
1,3-Dichlorobenzene	10.4		"	10.0	0.00	104	74-119				
1,3-Dichloropropane	10.3		"	10.0	0.00	103	77-119				
1,4-Dichlorobenzene	10.9		"	10.0	0.00	109	70-124				
2,2-Dichloropropane	13.6		"	10.0	0.00	136	10-160				
2-Butanone	13.0		"	10.0	0.00	130	10-193				
2-Chlorotoluene	10.2		"	10.0	0.00	102	70-126				
2-Hexanone	8.79		"	10.0	0.00	87.9	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
Batch BH11573 - EPA 5030B											
Matrix Spike (BH11573-MS1)	*Source sample: 21H1204-08 (MW9804-210824)						Prepared & Analyzed: 08/27/2021				
4-Chlorotoluene	11.0		ug/L	10.0	0.00	110	69-124				
4-Methyl-2-pentanone	9.21		"	10.0	0.00	92.1	38-150				
Acetone	8.15		"	10.0	0.280	78.7	13-149				
Benzene	14.9		"	10.0	0.00	149	38-155				
Bromobenzene	9.51		"	10.0	0.00	95.1	72-122				
Bromochloromethane	14.1		"	10.0	0.00	141	75-121	High Bias			
Bromodichloromethane	10.3		"	10.0	0.00	103	70-129				
Bromoform	11.1		"	10.0	0.00	111	66-136				
Bromomethane	2.33		"	10.0	0.00	23.3	30-158	Low Bias			
Carbon disulfide	16.0		"	10.0	0.00	160	10-138	High Bias			
Carbon tetrachloride	16.2		"	10.0	0.00	162	71-146	High Bias			
Chlorobenzene	11.8		"	10.0	0.00	118	81-117	High Bias			
Chloroethane	15.6		"	10.0	0.00	156	51-145	High Bias			
Chloroform	14.5		"	10.0	0.00	145	80-124	High Bias			
Chloromethane	11.2		"	10.0	0.00	112	16-163				
cis-1,2-Dichloroethylene	13.9		"	10.0	0.00	139	76-125	High Bias			
cis-1,3-Dichloropropylene	10.4		"	10.0	0.00	104	58-131				
Dibromochloromethane	11.0		"	10.0	0.00	110	71-129				
Dibromomethane	10.9		"	10.0	0.00	109	76-120				
Dichlorodifluoromethane	15.2		"	10.0	0.00	152	30-147	High Bias			
Ethyl Benzene	11.2		"	10.0	0.00	112	72-128				
Hexachlorobutadiene	10.0		"	10.0	0.00	100	34-166				
Isopropylbenzene	10.6		"	10.0	0.00	106	66-139				
Methyl tert-butyl ether (MTBE)	13.6		"	10.0	0.00	136	75-128	High Bias			
Methylene chloride	11.2		"	10.0	0.00	112	57-128				
Naphthalene	9.91		"	10.0	0.00	99.1	39-158				
n-Butylbenzene	9.38		"	10.0	0.00	93.8	61-138				
n-Propylbenzene	10.1		"	10.0	0.00	101	66-134				
o-Xylene	11.2		"	10.0	0.00	112	69-126				
p- & m- Xylenes	22.6		"	20.0	0.00	113	67-130				
p-Diethylbenzene	10.2		"	10.0	0.00	102	52-150				
p-Ethyltoluene	10.6		"	10.0	0.00	106	76-127				
p-Isopropyltoluene	10.4		"	10.0	0.00	104	64-137				
sec-Butylbenzene	10.3		"	10.0	0.00	103	53-155				
Styrene	11.0		"	10.0	0.00	110	69-125				
tert-Butylbenzene	10.6		"	10.0	0.00	106	65-139				
Tetrachloroethylene	6.91		"	10.0	0.240	66.7	64-139				
Toluene	11.1		"	10.0	0.00	111	76-123				
trans-1,2-Dichloroethylene	14.6		"	10.0	0.00	146	79-131	High Bias			
trans-1,3-Dichloropropylene	10.2		"	10.0	0.00	102	55-130				
Trichloroethylene	10.6		"	10.0	0.00	106	53-145				
Trichlorofluoromethane	17.1		"	10.0	0.00	171	61-142	High Bias			
Vinyl Chloride	15.6		"	10.0	0.00	156	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	8.70		"	10.0		87.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.16		"	10.0		91.6	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 BH11573 - EPA 5030B											
Matrix Spike Dup (BH11573-MSD1)	*Source sample: 21H1204-08 (MW9804-210824)						Prepared & Analyzed: 08/27/2021				
1,1,1,2-Tetrachloroethane	11.6		ug/L	10.0	0.00	116	45-161		4.94	30	
1,1,1-Trichloroethane	15.6		"	10.0	0.00	156	70-146	High Bias	3.12	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0	0.00	111	74-121		6.79	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.6		"	10.0	0.00	146	21-217		10.8	30	
1,1,2-Trichloroethane	11.2		"	10.0	0.00	112	59-146		6.83	30	
1,1-Dichloroethane	14.8		"	10.0	0.00	148	54-146	High Bias	3.22	30	
1,1-Dichloroethylene	15.2		"	10.0	0.00	152	44-165		0.00	30	
1,1-Dichloropropylene	13.9		"	10.0	0.00	139	82-134	High Bias	2.42	30	
1,2,3-Trichlorobenzene	9.97		"	10.0	0.00	99.7	40-161		4.61	30	
1,2,3-Trichloropropane	10.6		"	10.0	0.00	106	74-127		6.96	30	
1,2,4,5-Tetramethylbenzene	9.61		"	10.0	0.00	96.1	27-190		6.45	30	
1,2,4-Trichlorobenzene	9.31		"	10.0	0.00	93.1	41-161		8.83	30	
1,2,4-Trimethylbenzene	9.76		"	10.0	0.00	97.6	72-129		2.73	30	
1,2-Dibromo-3-chloropropane	10.0		"	10.0	0.00	100	31-151		6.70	30	
1,2-Dibromoethane	11.5		"	10.0	0.00	115	75-125		5.44	30	
1,2-Dichlorobenzene	10.5		"	10.0	0.00	105	63-122		0.571	30	
1,2-Dichloroethane	14.4		"	10.0	0.00	144	68-131	High Bias	3.67	30	
1,2-Dichloropropane	11.3		"	10.0	0.00	113	77-121		4.45	30	
1,3,5-Trimethylbenzene	9.80		"	10.0	0.00	98.0	69-126		3.11	30	
1,3-Dichlorobenzene	10.1		"	10.0	0.00	101	74-119		3.21	30	
1,3-Dichloropropane	10.9		"	10.0	0.00	109	77-119		5.85	30	
1,4-Dichlorobenzene	10.5		"	10.0	0.00	105	70-124		3.46	30	
2,2-Dichloropropane	14.2		"	10.0	0.00	142	10-160		3.96	30	
2-Butanone	13.6		"	10.0	0.00	136	10-193		4.97	30	
2-Chlorotoluene	10.1		"	10.0	0.00	101	70-126		0.887	30	
2-Hexanone	9.40		"	10.0	0.00	94.0	53-133		6.71	30	
4-Chlorotoluene	10.7		"	10.0	0.00	107	69-124		3.13	30	
4-Methyl-2-pentanone	9.91		"	10.0	0.00	99.1	38-150		7.32	30	
Acetone	8.64		"	10.0	0.280	83.6	13-149		6.04	30	
Benzene	15.4		"	10.0	0.00	154	38-155		3.03	30	
Bromobenzene	9.75		"	10.0	0.00	97.5	72-122		2.49	30	
Bromochloromethane	14.5		"	10.0	0.00	145	75-121	High Bias	2.51	30	
Bromodichloromethane	11.0		"	10.0	0.00	110	70-129		6.00	30	
Bromoform	11.8		"	10.0	0.00	118	66-136		5.67	30	
Bromomethane	3.07		"	10.0	0.00	30.7	30-158		27.4	30	
Carbon disulfide	16.0		"	10.0	0.00	160	10-138	High Bias	0.00	30	
Carbon tetrachloride	16.7		"	10.0	0.00	167	71-146	High Bias	2.49	30	
Chlorobenzene	12.0		"	10.0	0.00	120	81-117	High Bias	1.18	30	
Chloroethane	15.5		"	10.0	0.00	155	51-145	High Bias	0.515	30	
Chloroform	15.1		"	10.0	0.00	151	80-124	High Bias	4.18	30	
Chloromethane	11.1		"	10.0	0.00	111	16-163		0.269	30	
cis-1,2-Dichloroethylene	14.5		"	10.0	0.00	145	76-125	High Bias	3.88	30	
cis-1,3-Dichloropropylene	10.9		"	10.0	0.00	109	58-131		4.32	30	
Dibromochloromethane	11.6		"	10.0	0.00	116	71-129		5.38	30	
Dibromomethane	11.4		"	10.0	0.00	114	76-120		5.01	30	
Dichlorodifluoromethane	13.5		"	10.0	0.00	135	30-147		11.4	30	
Ethyl Benzene	11.2		"	10.0	0.00	112	72-128		0.179	30	
Hexachlorobutadiene	8.91		"	10.0	0.00	89.1	34-166		11.5	30	
Isopropylbenzene	10.5		"	10.0	0.00	105	66-139		1.14	30	
Methyl tert-butyl ether (MTBE)	14.4		"	10.0	0.00	144	75-128	High Bias	5.73	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 BH11573 - EPA 5030B

Matrix Spike Dup (BH11573-MSD1)		*Source sample: 21H1204-08 (MW9804-210824)					Prepared & Analyzed: 08/27/2021				
Methylene chloride	11.6		ug/L	10.0	0.00	116	57-128		3.87	30	
Naphthalene	10.2		"	10.0	0.00	102	39-158		2.39	30	
n-Butylbenzene	8.55		"	10.0	0.00	85.5	61-138		9.26	30	
n-Propylbenzene	9.66		"	10.0	0.00	96.6	66-134		4.35	30	
o-Xylene	11.4		"	10.0	0.00	114	69-126		1.06	30	
p- & m- Xylenes	22.2		"	20.0	0.00	111	67-130		2.01	30	
p-Diethylbenzene	9.27		"	10.0	0.00	92.7	52-150		9.65	30	
p-Ethyltoluene	10.1		"	10.0	0.00	101	76-127		4.91	30	
p-Isopropyltoluene	9.74		"	10.0	0.00	97.4	64-137		6.46	30	
sec-Butylbenzene	9.83		"	10.0	0.00	98.3	53-155		4.77	30	
Styrene	11.1		"	10.0	0.00	111	69-125		0.993	30	
tert-Butylbenzene	10.6		"	10.0	0.00	106	65-139		0.754	30	
Tetrachloroethylene	6.42		"	10.0	0.240	61.8	64-139	Low Bias	7.63	30	
Toluene	11.3		"	10.0	0.00	113	76-123		1.79	30	
trans-1,2-Dichloroethylene	14.7		"	10.0	0.00	147	79-131	High Bias	0.749	30	
trans-1,3-Dichloropropylene	10.7		"	10.0	0.00	107	55-130		4.98	30	
Trichloroethylene	10.5		"	10.0	0.00	105	53-145		0.856	30	
Trichlorofluoromethane	16.8		"	10.0	0.00	168	61-142	High Bias	2.24	30	
Vinyl Chloride	16.0		"	10.0	0.00	160	31-165		2.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	8.68		"	10.0		86.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.23		"	10.0		92.3	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21H1204-01	MW44A-210823	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-02	MW44B-210823	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-03	MW44C-210823	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-04	N32B-210823	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-05	N32-210823	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-06	MW59A-210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-07	MW59B-210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-08	MW9804-210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-09	MW9804B-210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1204-10	TB01-210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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



York Analytical Laboratories, Inc.
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Stratford, CT 06615
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Field Chain-of-Custody Record

YORK Project No.

21H1204

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 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	169 60 16505		RUSH - Next Day	
Ramboll	101 Carnegie Con, 200 Princeton NJ 08540	Ramboll US Consulting	234 W. Florida St Suite 204 Milwaukee WI 53204	US Consulting	234 W. Florida St Suite 204 Milwaukee WI 53204			RUSH - Two Day	
								RUSH - Three Day	
								RUSH - Four Day	
								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.		YOUR Project Name Frank S. Havel From Rowe Inc		YOUR PO#: 169 00 16505		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) NY SDEC AwaS			
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
MW 44A-210823	G-W	8/23/21 0950	VOC	3x 40ml vial					
MW 44B-210823	G-W	8/23/21 1105	VOC	3x 40ml vial					
MW 44C-210823	G-W	8/23/21 1200	VOC	3x 40ml vial					
N32B-210823	G-W	8/23/21 1420	VOC	3x 40ml vial					
N32-210823	G-W	8/23/21 1540	VOC	3x 40ml vial					
MW 59A-210824	G-W	8/24/21 0908	VOC	3x 40ml vial					
MW 59B-210824	G-W	8/24/21 1000	VOC	3x 40ml vial					
MW 9804-210824 (MS/MSD)	G-W	8/24/21 1155	VOC	3x 40ml vial					
MW 9804B-210824	G-W	8/24/21 1255	VOC	3x 40ml vial					
TR01-210824	QC	8/24/21	VOC	2x 40ml vial					
Comments: Send Equis 4 file to addpincetn@ramboll.com									
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
Ramboll		8/24/21 1248		K. B. B. B. B.		8/24/21 1248		Field Filtered Lab to Filter	
Ramboll		8/24/21 1248		K. B. B. B. B.		8/24/21 1248		1955	
Ramboll		8/24/21 1248		K. B. B. B. B.		8/24/21 1248		Temp. Received at Lab	
Ramboll		8/24/21 1248		K. B. B. B. B.		8/24/21 1248		1.9	



Technical Report

prepared for:

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

Report Date: 09/22/2021

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

York Project (SDG) No.: 21H1344

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
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 09/22/2021
Client Project ID: 1690016505 Kraft Sag Harbor/Frm Rowe Ind.
York Project (SDG) No.: 21H1344

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 26, 2021 and listed below. The project was identified as your project: **1690016505 Kraft Sag Harbor/Frm 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>
21H1344-01	MW45A_210824	Water	08/24/2021	08/26/2021
21H1344-02	MW45B_210824	Water	08/24/2021	08/26/2021
21H1344-03	MW9801A_210825	Water	08/25/2021	08/26/2021
21H1344-04	FRW1_210825	Water	08/25/2021	08/26/2021
21H1344-05	FRW4_210825	Water	08/25/2021	08/26/2021
21H1344-06	FRW2_210825	Water	08/25/2021	08/26/2021
21H1344-07	MW28A_210826	Water	08/26/2021	08/26/2021
21H1344-08	MW28B_210826	Water	08/26/2021	08/26/2021
21H1344-09	MW9805A_210826	Water	08/26/2021	08/26/2021
21H1344-10	TB01_210826	Water	08/26/2021	08/26/2021

General Notes for York Project (SDG) No.: 21H1344

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

Approved By: 

Date: 09/22/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW45A_210824

York Sample ID: 21H1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 3:10 pm

08/26/2021

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	08/27/2021 12:30	08/28/2021 02:38	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 02:38	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 02:38	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD



Sample Information

Client Sample ID: MW45A_210824

York Sample ID: 21H1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 3:10 pm

08/26/2021

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:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 02:38	PD



Sample Information

Client Sample ID: MW45A_210824

York Sample ID: 21H1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 3:10 pm

08/26/2021

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: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 02:38	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 02:38	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 02:38	PD



Sample Information

Client Sample ID: MW45A_210824

York Sample ID: 21H1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 3:10 pm

08/26/2021

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	08/27/2021 12:30	08/28/2021 02:38	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 02:38	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	85.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.5 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 02:38	PD

Sample Information

Client Sample ID: MW45B_210824

York Sample ID: 21H1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 4:15 pm

08/26/2021

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	08/30/2021 09:00	08/30/2021 15:50	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 09:00	08/30/2021 15:50	PD



Sample Information

Client Sample ID: MW45B_210824

York Sample ID: 21H1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 4:15 pm

08/26/2021

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
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD



Sample Information

Client Sample ID: MW45B_210824

York Sample ID: 21H1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 4:15 pm

08/26/2021

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
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:50	PD



Sample Information

Client Sample ID: MW45B_210824

York Sample ID: 21H1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 24, 2021 4:15 pm

08/26/2021

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
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:50	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 09:00	08/30/2021 15:50	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.6 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 15:50	PD



Sample Information

Client Sample ID: MW9801A_210825

York Sample ID: 21H1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 10:05 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 16:16	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:16	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD



Sample Information

Client Sample ID: MW9801A_210825

York Sample ID: 21H1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 10:05 am

08/26/2021

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	170		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:58	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
591-78-6	2-Hexanone	4.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
67-64-1	Acetone	52		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
75-15-0	Carbon disulfide	0.64		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
156-59-2	cis-1,2-Dichloroethylene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 16:16	PD



Sample Information

Client Sample ID: MW9801A_210825

York Sample ID: 21H1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 10:05 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:16	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:16	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
127-18-4	Tetrachloroethylene	0.44	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:16	PD



Sample Information

Client Sample ID: MW9801A_210825

York Sample ID: 21H1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 10:05 am

08/26/2021

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	08/30/2021 09:00	08/30/2021 16:16	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.5 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.8 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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
NA	2-nonanone	15	J	ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:16	PD
	Tentatively Identified Compounds	0.0		ug/L			10	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:58	PD
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:16	PD

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	5800		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:24	RB/
74-84-0	* Ethane	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:24	RB/
74-85-1	* Ethylene (Ethene)	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:24	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	101		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2021 12:56	09/02/2021 13:22	EM

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
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Sample Information

Client Sample ID: MW9801A_210825

York Sample ID: 21H1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 10:05 am

08/26/2021

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	08/26/2021 14:49	08/27/2021 04:03	ZTS

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	08/26/2021 14:49	08/27/2021 04:03	ZTS

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	1.48		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/26/2021 14:49	08/27/2021 04:03	ZTS

Analyzed by: Phoenix Environmental Laboratories, Inc. S

SM5310B-11

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon	223		mg/L	20	20	SM5310B-11 Certifications:	08/30/2021 17:43	08/30/2021 17:43	PHO

Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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	08/30/2021 09:00	08/30/2021 15:24	PD



Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 15:24	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 15:24	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 15:24	PD



Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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	08/30/2021 09:00	08/30/2021 15:24	PD
591-78-6	2-Hexanone	2.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
67-64-1	Acetone	20		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
71-43-2	Benzene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-15-0	Carbon disulfide	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
156-59-2	cis-1,2-Dichloroethylene	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
100-41-4	Ethyl Benzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD



Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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	08/30/2021 09:00	08/30/2021 15:24	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
95-47-6	o-Xylene	0.57		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 15:24	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 15:24	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
108-88-3	Toluene	0.61		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
75-01-4	Vinyl Chloride	2.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 15:24	PD
1330-20-7	Xylenes, Total	0.90	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 09:00	08/30/2021 15:24	PD



Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %									
2037-26-5	Surrogate: SURR: Toluene-d8	97.2 %									
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.1 %									

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 15:24	PD

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	4100		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:43	RB/
74-84-0	* Ethane	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:43	RB/
74-85-1	* Ethylene (Ethene)	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:43	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	204		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2021 12:56	09/02/2021 13:26	EM

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	08/26/2021 14:49	08/27/2021 04:25	ZTS

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
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Sample Information

Client Sample ID: FRW1_210825

York Sample ID: 21H1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 11:35 am

08/26/2021

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	08/26/2021 14:49	08/27/2021 04:25	ZTS

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	08/26/2021 14:49	08/27/2021 04:25	ZTS

Analyzed by: Phoenix Environmental Laboratories, Inc. S

SM5310B-11

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon	67.3		mg/L	5.0	5	SM5310B-11 Certifications:	08/30/2021 17:57	08/30/2021 17:57	PHO

Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

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	08/27/2021 12:30	08/28/2021 04:31	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD

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ClientServices@

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Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 04:31	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 04:31	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
78-93-3	2-Butanone	0.50	CCV-E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
591-78-6	2-Hexanone	0.83		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
67-64-1	Acetone	1.8	CCV-E, ICV-E, J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD



Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

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
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-15-0	Carbon disulfide	0.51		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
156-59-2	cis-1,2-Dichloroethylene	0.75		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 04:31	PD



Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

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
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
95-47-6	o-Xylene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 04:31	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 04:31	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
108-88-3	Toluene	0.70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
79-01-6	Trichloroethylene	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 04:31	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 04:31	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	86.2 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.1 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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



Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 04:31	PD

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	7800		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:57	RB/
74-84-0	* Ethane	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:57	RB/
74-85-1	* Ethylene (Ethene)	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 14:57	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	165		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2021 12:56	09/02/2021 13:29	EM

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	08/26/2021 14:49	08/27/2021 04:47	ZTS

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	08/26/2021 14:49	08/27/2021 04:47	ZTS

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	08/26/2021 14:49	08/27/2021 04:47	ZTS

Analyzed by: Phoenix Environmental Laboratories, Inc. S

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



Sample Information

Client Sample ID: FRW4_210825

York Sample ID: 21H1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 2:05 pm

08/26/2021

Analyzed by: Phoenix Environmental Laboratories, Inc. S

SM5310B-11

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon	21.4		mg/L	2.0	2	SM5310B-11	08/30/2021 13:38	08/30/2021 13:38	PHO
Certifications:										

Sample Information

Client Sample ID: FRW2_210825

York Sample ID: 21H1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 3:30 pm

08/26/2021

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	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:00	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:00	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD



Sample Information

Client Sample ID: FRW2_210825

York Sample ID: 21H1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 3:30 pm

08/26/2021

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
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	08/27/2021 12:30	08/28/2021 05:00	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
78-93-3	2-Butanone	280	CCV-E	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
95-49-8	2-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
591-78-6	2-Hexanone	37		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
106-43-4	4-Chlorotoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
108-10-1	4-Methyl-2-pentanone	2.5		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
67-64-1	Acetone	35	CCV-E, ICV-E	ug/L	5.0	10	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
71-43-2	Benzene	1.0	CCV-E, J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
108-86-1	Bromobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD



Sample Information

Client Sample ID: FRW2_210825

York Sample ID: 21H1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 3:30 pm

08/26/2021

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
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
156-59-2	cis-1,2-Dichloroethylene	2.4	J	ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
100-41-4	Ethyl Benzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
98-82-8	Isopropylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
91-20-3	Naphthalene	ND		ug/L	5.0	10	5	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
104-51-8	n-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
103-65-1	n-Propylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
95-47-6	o-Xylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	2.5	5.0	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:00	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:00	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:00	PD



Sample Information

Client Sample ID: FRW2_210825

York Sample ID: 21H1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 3:30 pm

08/26/2021

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
135-98-8	sec-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
100-42-5	Styrene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
127-18-4	Tetrachloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
108-88-3	Toluene	2.4	J	ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
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	08/27/2021 12:30	08/28/2021 05:00	PD
79-01-6	Trichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
75-01-4	Vinyl Chloride	14		ug/L	1.0	2.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:00	PD
1330-20-7	Xylenes, Total	ND		ug/L	3.0	7.5	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:00	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	85.8 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	92.9 %		79-122							

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			5	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:00	PD

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	5600		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:04	RB/
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:04	RB/



Sample Information

Client Sample ID: FRW2_210825

York Sample ID: 21H1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 25, 2021 3:30 pm

08/26/2021

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
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:04	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	182		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2021 12:56	09/02/2021 13:32	EM

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	0.0530		mg/L	0.0500	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/26/2021 14:49	08/27/2021 05:08	ZTS

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	08/26/2021 14:49	08/27/2021 05:08	ZTS

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	08/26/2021 14:49	08/27/2021 05:08	ZTS

Analyzed by: Phoenix Environmental Laboratories, Inc. S

SM5310B-11

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon	75.7		mg/L	5.0	5	SM5310B-11 Certifications:	08/30/2021 18:12	08/30/2021 18:12	PHO



Sample Information

Client Sample ID: MW28A_210826

York Sample ID: 21H1344-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 9:15 am

08/26/2021

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	08/27/2021 12:30	08/28/2021 05:28	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:28	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:28	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:28	PD



Sample Information

Client Sample ID: MW28A_210826

York Sample ID: 21H1344-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 9:15 am

08/26/2021

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:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD



Sample Information

Client Sample ID: MW28A_210826

York Sample ID: 21H1344-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 9:15 am

08/26/2021

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:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:28	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:28	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:28	PD



Sample Information

Client Sample ID: MW28A_210826

York Sample ID: 21H1344-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 9:15 am

08/26/2021

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	08/27/2021 12:30	08/28/2021 05:28	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	85.1 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	93.4 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/27/2021 12:30	08/28/2021 05:28	PD

Sample Information

Client Sample ID: MW28B_210826

York Sample ID: 21H1344-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 10:15 am

08/26/2021

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	08/27/2021 12:30	08/28/2021 05:56	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:56	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD



Sample Information

Client Sample ID: MW28B_210826

York Sample ID: 21H1344-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 10:15 am

08/26/2021

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
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD



Sample Information

Client Sample ID: MW28B_210826

York Sample ID: 21H1344-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 10:15 am

08/26/2021

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
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/27/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/27/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/28/2021 05:56	PD



Sample Information

Client Sample ID: MW28B_210826

York Sample ID: 21H1344-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 10:15 am

08/26/2021

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
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/27/2021 12:30	08/28/2021 05:56	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:56	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	85.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	91.9 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/27/2021 12:30	08/28/2021 05:56	PD



Sample Information

Client Sample ID: MW9805A_210826

York Sample ID: 21H1344-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 11:55 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 16:41	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:41	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD



Sample Information

Client Sample ID: MW9805A_210826

York Sample ID: 21H1344-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 11:55 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
156-59-2	cis-1,2-Dichloroethylene	0.62		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD



Sample Information

Client Sample ID: MW9805A_210826

York Sample ID: 21H1344-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 11:55 am

08/26/2021

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:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:41	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:41	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD
75-01-4	Vinyl Chloride	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 16:41	PD



Sample Information

Client Sample ID: MW9805A_210826

York Sample ID: 21H1344-09

York Project (SDG) No.

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Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 11:55 am

08/26/2021

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	08/30/2021 09:00	08/30/2021 16:41	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.6 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.9 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 16:41	PD

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	4300		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:18	RB/
74-84-0	* Ethane	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:18	RB/
74-85-1	* Ethylene (Ethene)	ND		ug/L	50	5	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:18	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	121		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/01/2021 12:56	09/02/2021 13:35	EM

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	08/26/2021 14:49	08/27/2021 05:30	ZTS

Nitrite as N

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW9805A_210826

York Sample ID: 21H1344-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 11:55 am

08/26/2021

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	08/26/2021 14:49	08/27/2021 05:30	ZTS

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	08/26/2021 14:49	08/27/2021 05:30	ZTS

Analyzed by: Phoenix Environmental Laboratories, Inc. S

SM5310B-11

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SM5310B-11

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon	186		mg/L	20	20	SM5310B-11 Certifications:	08/30/2021 18:27	08/30/2021 18:27	PHO

Sample Information

Client Sample ID: TB01_210826

York Sample ID: 21H1344-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 12:53 pm

08/26/2021

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	08/30/2021 09:00	08/30/2021 14:32	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD



Sample Information

Client Sample ID: TB01_210826

York Sample ID: 21H1344-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 12:53 pm

08/26/2021

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
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/30/2021 09:00	08/30/2021 14:32	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 09:00	08/30/2021 14:32	PD



Sample Information

Client Sample ID: TB01_210826

York Sample ID: 21H1344-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 12:53 pm

08/26/2021

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
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	08/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/30/2021 14:32	PD



Sample Information

Client Sample ID: TB01_210826

York Sample ID: 21H1344-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1344

1690016505 Kraft Sag Harbor/Frm Rowe Ind.

Water

August 26, 2021 12:53 pm

08/26/2021

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
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.4 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	08/30/2021 09:00	08/30/2021 14:32	PD



Sample Information

Client Sample ID: TB01_210826

York Sample ID: 21H1344-10

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
21H1344	1690016505 Kraft Sag Harbor/Frm Rowe Ind.	Water	August 26, 2021 12:53 pm	08/26/2021



Analytical Batch Summary

Batch ID: 8/30/2021 1:38:09 PM **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-05	FRW4_210825	08/30/21

Batch ID: 8/30/2021 5:43:07 PM **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-03	MW9801A_210825	08/30/21

Batch ID: 8/30/2021 5:57:49 PM **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-04	FRW1_210825	08/30/21

Batch ID: 8/30/2021 6:12:50 PM **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-06	FRW2_210825	08/30/21

Batch ID: 8/30/2021 6:27:55 PM **Preparation Method:** SM5310B-11 **Prepared By:**

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-09	MW9805A_210826	08/30/21

Batch ID: BH11604 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-03	MW9801A_210825	08/26/21
21H1344-04	FRW1_210825	08/26/21
21H1344-05	FRW4_210825	08/26/21
21H1344-06	FRW2_210825	08/26/21
21H1344-09	MW9805A_210826	08/26/21
BH11604-BLK1	Blank	08/26/21
BH11604-BS1	LCS	08/26/21
BH11604-DUP1	Duplicate	08/26/21
BH11604-MS1	Matrix Spike	08/26/21
BH11604-MS2	Matrix Spike	08/26/21

Batch ID: BH11607 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-01	MW45A_210824	08/27/21
21H1344-01	MW45A_210824	08/27/21



21H1344-05	FRW4_210825	08/27/21
21H1344-05	FRW4_210825	08/27/21
21H1344-06	FRW2_210825	08/27/21
21H1344-06	FRW2_210825	08/27/21
21H1344-07	MW28A_210826	08/27/21
21H1344-07	MW28A_210826	08/27/21
21H1344-08	MW28B_210826	08/27/21
21H1344-08	MW28B_210826	08/27/21
BH11607-BLK1	Blank	08/27/21
BH11607-BS1	LCS	08/27/21
BH11607-BSD1	LCS Dup	08/27/21

Batch ID: BH11653 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-02	MW45B_210824	08/30/21
21H1344-03	MW9801A_210825	08/30/21
21H1344-03RE2	MW9801A_210825	08/30/21
21H1344-04	FRW1_210825	08/30/21
21H1344-09	MW9805A_210826	08/30/21
21H1344-10	TB01_210826	08/30/21
BH11653-BLK1	Blank	08/30/21
BH11653-BS1	LCS	08/30/21
BH11653-BSD1	LCS Dup	08/30/21

Batch ID: BI10047 **Preparation Method:** EPA 200.7 **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-03	MW9801A_210825	09/01/21
21H1344-04	FRW1_210825	09/01/21
21H1344-05	FRW4_210825	09/01/21
21H1344-06	FRW2_210825	09/01/21
21H1344-09	MW9805A_210826	09/01/21
BI10047-BLK1	Blank	09/01/21
BI10047-BS1	LCS	09/01/21
BI10047-DUP1	Duplicate	09/01/21
BI10047-MS1	Matrix Spike	09/01/21
BI10047-PS1	Post Spike	09/01/21

Batch ID: BI10145 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
21H1344-03	MW9801A_210825	09/02/21
21H1344-04	FRW1_210825	09/02/21
21H1344-05	FRW4_210825	09/02/21
21H1344-06	FRW2_210825	09/02/21
21H1344-09	MW9805A_210826	09/02/21
BI10145-BLK1	Blank	09/02/21
BI10145-DUP1	Duplicate	09/02/21





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 BH11607 - EPA 5030B											
Blank (BH11607-BLK1)											
Prepared & Analyzed: 08/27/2021											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
Tentatively Identified Compounds	0.0		"								
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	"								



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 BH11607 - EPA 5030B

Blank (BH11607-BLK1)

Prepared & Analyzed: 08/27/2021

Isopropylbenzene	ND	0.50	ug/L								
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	8.65		"	10.0		86.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.22		"	10.0		92.2	79-122				

LCS (BH11607-BS1)

Prepared & Analyzed: 08/27/2021

1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0		89.8	82-126				
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136				
1,1,2,2-Tetrachloroethane	8.58		"	10.0		85.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	54-165				
1,1,2-Trichloroethane	8.66		"	10.0		86.6	82-123				
1,1-Dichloroethane	11.5		"	10.0		115	82-129				
1,1-Dichloroethylene	11.5		"	10.0		115	68-138				
1,1-Dichloropropylene	11.0		"	10.0		110	83-133				
1,2,3-Trichlorobenzene	8.62		"	10.0		86.2	76-136				
1,2,3-Trichloropropane	8.13		"	10.0		81.3	77-128				
1,2,4,5-Tetramethylbenzene	8.54		"	10.0		85.4	85-140				
1,2,4-Trichlorobenzene	8.58		"	10.0		85.8	76-137				
1,2,4-Trimethylbenzene	8.28		"	10.0		82.8	82-132				
1,2-Dibromo-3-chloropropane	7.70		"	10.0		77.0	45-147				
1,2-Dibromoethane	8.90		"	10.0		89.0	83-124				
1,2-Dichlorobenzene	8.64		"	10.0		86.4	79-123				
1,2-Dichloroethane	11.3		"	10.0		113	73-132				
1,2-Dichloropropane	8.70		"	10.0		87.0	78-126				
1,3,5-Trimethylbenzene	8.23		"	10.0		82.3	80-131				
1,3-Dichlorobenzene	8.62		"	10.0		86.2	86-122				
1,3-Dichloropropane	8.44		"	10.0		84.4	81-125				
1,4-Dichlorobenzene	8.97		"	10.0		89.7	85-124				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				



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 BH11607 - EPA 5030B

LCS (BH11607-BS1)

Prepared & Analyzed: 08/27/2021

2-Butanone	10.8		ug/L	10.0		108	49-152				
2-Chlorotoluene	8.38		"	10.0		83.8	79-130				
2-Hexanone	7.17		"	10.0		71.7	51-146				
4-Chlorotoluene	9.06		"	10.0		90.6	79-128				
4-Methyl-2-pentanone	7.64		"	10.0		76.4	57-145				
Acetone	6.99		"	10.0		69.9	14-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	7.77		"	10.0		77.7	78-129	Low Bias			
Bromochloromethane	11.3		"	10.0		113	77-128				
Bromodichloromethane	8.50		"	10.0		85.0	79-128				
Bromoform	9.13		"	10.0		91.3	78-133				
Bromomethane	4.68		"	10.0		46.8	43-168				
Carbon disulfide	12.2		"	10.0		122	68-146				
Carbon tetrachloride	12.6		"	10.0		126	77-141				
Chlorobenzene	9.60		"	10.0		96.0	88-120				
Chloroethane	12.0		"	10.0		120	65-136				
Chloroform	11.7		"	10.0		117	82-128				
Chloromethane	8.63		"	10.0		86.3	43-155				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	8.50		"	10.0		85.0	80-131				
Dibromochloromethane	9.10		"	10.0		91.0	80-130				
Dibromomethane	8.83		"	10.0		88.3	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	9.05		"	10.0		90.5	80-131				
Hexachlorobutadiene	8.40		"	10.0		84.0	67-146				
Isopropylbenzene	8.49		"	10.0		84.9	76-140				
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	76-135				
Methylene chloride	9.75		"	10.0		97.5	55-137				
Naphthalene	8.29		"	10.0		82.9	70-147				
n-Butylbenzene	7.97		"	10.0		79.7	79-132				
n-Propylbenzene	8.18		"	10.0		81.8	78-133				
o-Xylene	9.11		"	10.0		91.1	78-130				
p- & m- Xylenes	18.3		"	20.0		91.4	77-133				
p-Diethylbenzene	8.52		"	10.0		85.2	84-134				
p-Ethyltoluene	8.76		"	10.0		87.6	88-129	Low Bias			
p-Isopropyltoluene	8.56		"	10.0		85.6	81-136				
sec-Butylbenzene	8.40		"	10.0		84.0	79-137				
Styrene	8.92		"	10.0		89.2	67-132				
tert-Butylbenzene	8.53		"	10.0		85.3	77-138				
Tetrachloroethylene	5.35		"	10.0		53.5	82-131	Low Bias			
Toluene	8.95		"	10.0		89.5	80-127				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132				
trans-1,3-Dichloropropylene	8.37		"	10.0		83.7	78-131				
Trichloroethylene	8.35		"	10.0		83.5	82-128				
Trichlorofluoromethane	13.0		"	10.0		130	67-139				
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	8.70		"	10.0		87.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.26		"	10.0		92.6	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 BH11607 - EPA 5030B											
LCS Dup (BH11607-BSD1)						Prepared & Analyzed: 08/27/2021					
1,1,1,2-Tetrachloroethane	8.91		ug/L	10.0		89.1	82-126		0.783	30	
1,1,1-Trichloroethane	11.8		"	10.0		118	78-136		0.594	30	
1,1,2,2-Tetrachloroethane	8.60		"	10.0		86.0	76-129		0.233	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		"	10.0		126	54-165		0.634	30	
1,1,2-Trichloroethane	8.74		"	10.0		87.4	82-123		0.920	30	
1,1-Dichloroethane	11.4		"	10.0		114	82-129		0.525	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		1.31	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		0.363	30	
1,2,3-Trichlorobenzene	8.50		"	10.0		85.0	76-136		1.40	30	
1,2,3-Trichloropropane	8.11		"	10.0		81.1	77-128		0.246	30	
1,2,4,5-Tetramethylbenzene	8.40		"	10.0		84.0	85-140	Low Bias	1.65	30	
1,2,4-Trichlorobenzene	8.55		"	10.0		85.5	76-137		0.350	30	
1,2,4-Trimethylbenzene	8.08		"	10.0		80.8	82-132	Low Bias	2.44	30	
1,2-Dibromo-3-chloropropane	7.82		"	10.0		78.2	45-147		1.55	30	
1,2-Dibromoethane	9.00		"	10.0		90.0	83-124		1.12	30	
1,2-Dichlorobenzene	8.59		"	10.0		85.9	79-123		0.580	30	
1,2-Dichloroethane	11.5		"	10.0		115	73-132		1.84	30	
1,2-Dichloropropane	8.64		"	10.0		86.4	78-126		0.692	30	
1,3,5-Trimethylbenzene	8.03		"	10.0		80.3	80-131		2.46	30	
1,3-Dichlorobenzene	8.46		"	10.0		84.6	86-122	Low Bias	1.87	30	
1,3-Dichloropropane	8.45		"	10.0		84.5	81-125		0.118	30	
1,4-Dichlorobenzene	8.83		"	10.0		88.3	85-124		1.57	30	
2,2-Dichloropropane	10.5		"	10.0		105	56-150		3.10	30	
2-Butanone	10.7		"	10.0		107	49-152		0.186	30	
2-Chlorotoluene	8.16		"	10.0		81.6	79-130		2.66	30	
2-Hexanone	7.29		"	10.0		72.9	51-146		1.66	30	
4-Chlorotoluene	8.81		"	10.0		88.1	79-128		2.80	30	
4-Methyl-2-pentanone	7.71		"	10.0		77.1	57-145		0.912	30	
Acetone	7.15		"	10.0		71.5	14-150		2.26	30	
Benzene	11.9		"	10.0		119	85-126		0.501	30	
Bromobenzene	7.61		"	10.0		76.1	78-129	Low Bias	2.08	30	
Bromochloromethane	11.5		"	10.0		115	77-128		2.10	30	
Bromodichloromethane	8.38		"	10.0		83.8	79-128		1.42	30	
Bromoform	9.20		"	10.0		92.0	78-133		0.764	30	
Bromomethane	4.86		"	10.0		48.6	43-168		3.77	30	
Carbon disulfide	12.1		"	10.0		121	68-146		1.15	30	
Carbon tetrachloride	12.7		"	10.0		127	77-141		0.237	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		0.942	30	
Chloroethane	11.7		"	10.0		117	65-136		2.37	30	
Chloroform	11.7		"	10.0		117	82-128		0.512	30	
Chloromethane	8.93		"	10.0		89.3	43-155		3.42	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		1.16	30	
cis-1,3-Dichloropropylene	8.43		"	10.0		84.3	80-131		0.827	30	
Dibromochloromethane	9.09		"	10.0		90.9	80-130		0.110	30	
Dibromomethane	8.84		"	10.0		88.4	72-134		0.113	30	
Dichlorodifluoromethane	10.7		"	10.0		107	44-144		0.0933	30	
Ethyl Benzene	8.92		"	10.0		89.2	80-131		1.45	30	
Hexachlorobutadiene	8.31		"	10.0		83.1	67-146		1.08	30	
Isopropylbenzene	8.34		"	10.0		83.4	76-140		1.78	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		1.52	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 BH11607 - EPA 5030B

LCS Dup (BH11607-BSD1)

Prepared & Analyzed: 08/27/2021

Methylene chloride	9.78		ug/L	10.0		97.8	55-137		0.307	30	
Naphthalene	8.31		"	10.0		83.1	70-147		0.241	30	
n-Butylbenzene	7.55		"	10.0		75.5	79-132	Low Bias	5.41	30	
n-Propylbenzene	8.00		"	10.0		80.0	78-133		2.22	30	
o-Xylene	9.01		"	10.0		90.1	78-130		1.10	30	
p- & m- Xylenes	18.0		"	20.0		90.2	77-133		1.38	30	
p-Diethylbenzene	8.35		"	10.0		83.5	84-134	Low Bias	2.02	30	
p-Ethyltoluene	8.56		"	10.0		85.6	88-129	Low Bias	2.31	30	
p-Isopropyltoluene	8.38		"	10.0		83.8	81-136		2.13	30	
sec-Butylbenzene	8.20		"	10.0		82.0	79-137		2.41	30	
Styrene	8.80		"	10.0		88.0	67-132		1.35	30	
tert-Butylbenzene	8.42		"	10.0		84.2	77-138		1.30	30	
Tetrachloroethylene	5.23		"	10.0		52.3	82-131	Low Bias	2.27	30	
Toluene	8.82		"	10.0		88.2	80-127		1.46	30	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	80-132		1.65	30	
trans-1,3-Dichloropropylene	8.26		"	10.0		82.6	78-131		1.32	30	
Trichloroethylene	8.23		"	10.0		82.3	82-128		1.45	30	
Trichlorofluoromethane	12.8		"	10.0		128	67-139		1.54	30	
Vinyl Chloride	11.5		"	10.0		115	58-145		1.64	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	8.74		"	10.0		87.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.13		"	10.0		91.3	79-122				

Batch BH11653 - EPA 5030B

Blank (BH11653-BLK1)

Prepared & Analyzed: 08/30/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
Carbon Dioxide	7.9		"								
Tentatively Identified Compounds	0.0		"								
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	"								



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 BH11653 - EPA 5030B

Blank (BH11653-BLK1)

Prepared & Analyzed: 08/30/2021

2-Butanone	ND	0.50	ug/L								
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	"								
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	9.45		"	10.0		94.5	69-130				
Surrogate: SURR: Toluene-d8	9.94		"	10.0		99.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.90		"	10.0		99.0	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 BH11653 - EPA 5030B											
LCS (BH11653-BS1)						Prepared & Analyzed: 08/30/2021					
1,1,1,2-Tetrachloroethane	9.89		ug/L	10.0		98.9	82-126				
1,1,1-Trichloroethane	9.69		"	10.0		96.9	78-136				
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	54-165				
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123				
1,1-Dichloroethane	9.74		"	10.0		97.4	82-129				
1,1-Dichloroethylene	10.1		"	10.0		101	68-138				
1,1-Dichloropropylene	9.12		"	10.0		91.2	83-133				
1,2,3-Trichlorobenzene	9.99		"	10.0		99.9	76-136				
1,2,3-Trichloropropane	11.1		"	10.0		111	77-128				
1,2,4,5-Tetramethylbenzene	9.59		"	10.0		95.9	85-140				
1,2,4-Trichlorobenzene	9.86		"	10.0		98.6	76-137				
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132				
1,2-Dibromo-3-chloropropane	9.99		"	10.0		99.9	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.5		"	10.0		105	73-132				
1,2-Dichloropropane	10.0		"	10.0		100	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.3		"	10.0		103	86-122				
1,3-Dichloropropane	9.96		"	10.0		99.6	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
2,2-Dichloropropane	9.86		"	10.0		98.6	56-150				
2-Butanone	10.9		"	10.0		109	49-152				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	10.0		"	10.0		100	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
4-Methyl-2-pentanone	10.6		"	10.0		106	57-145				
Acetone	16.4		"	10.0		164	14-150	High Bias			
Benzene	9.76		"	10.0		97.6	85-126				
Bromobenzene	11.1		"	10.0		111	78-129				
Bromochloromethane	10.4		"	10.0		104	77-128				
Bromodichloromethane	9.94		"	10.0		99.4	79-128				
Bromoform	11.2		"	10.0		112	78-133				
Bromomethane	10.7		"	10.0		107	43-168				
Carbon disulfide	10.5		"	10.0		105	68-146				
Carbon tetrachloride	9.81		"	10.0		98.1	77-141				
Chlorobenzene	10.3		"	10.0		103	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	9.87		"	10.0		98.7	82-128				
Chloromethane	10.4		"	10.0		104	43-155				
cis-1,2-Dichloroethylene	9.70		"	10.0		97.0	83-129				
cis-1,3-Dichloropropylene	9.96		"	10.0		99.6	80-131				
Dibromochloromethane	10.2		"	10.0		102	80-130				
Dibromomethane	10.2		"	10.0		102	72-134				
Dichlorodifluoromethane	9.66		"	10.0		96.6	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.49		"	10.0		94.9	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	9.90		"	10.0		99.0	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
Batch BH11653 - EPA 5030B											
LCS (BH11653-BS1)						Prepared & Analyzed: 08/30/2021					
Methylene chloride	11.0		ug/L	10.0		110	55-137				
Naphthalene	10.0		"	10.0		100	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.5		"	10.0		105	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	19.9		"	20.0		99.3	77-133				
p-Diethylbenzene	9.63		"	10.0		96.3	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	9.79		"	10.0		97.9	67-132				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	6.12		"	10.0		61.2	82-131	Low Bias			
Toluene	9.82		"	10.0		98.2	80-127				
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132				
trans-1,3-Dichloropropylene	9.87		"	10.0		98.7	78-131				
Trichloroethylene	9.52		"	10.0		95.2	82-128				
Trichlorofluoromethane	10.2		"	10.0		102	67-139				
Vinyl Chloride	9.31		"	10.0		93.1	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	10.2		"	10.0		102	79-122				
LCS Dup (BH11653-BSD1)						Prepared & Analyzed: 08/30/2021					
1,1,1,2-Tetrachloroethane	9.78		ug/L	10.0		97.8	82-126		1.12	30	
1,1,1-Trichloroethane	9.63		"	10.0		96.3	78-136		0.621	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129		10.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165		2.52	30	
1,1,2-Trichloroethane	9.87		"	10.0		98.7	82-123		1.91	30	
1,1-Dichloroethane	9.29		"	10.0		92.9	82-129		4.73	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		0.689	30	
1,1-Dichloropropylene	9.13		"	10.0		91.3	83-133		0.110	30	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	76-136		6.77	30	
1,2,3-Trichloropropane	9.79		"	10.0		97.9	77-128		12.8	30	
1,2,4,5-Tetramethylbenzene	9.44		"	10.0		94.4	85-140		1.58	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		2.11	30	
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	82-132		3.19	30	
1,2-Dibromo-3-chloropropane	9.43		"	10.0		94.3	45-147		5.77	30	
1,2-Dibromoethane	9.91		"	10.0		99.1	83-124		5.50	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.0973	30	
1,2-Dichloroethane	9.68		"	10.0		96.8	73-132		8.22	30	
1,2-Dichloropropane	9.69		"	10.0		96.9	78-126		3.55	30	
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131		5.71	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		2.95	30	
1,3-Dichloropropane	9.64		"	10.0		96.4	81-125		3.27	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		2.16	30	
2,2-Dichloropropane	9.37		"	10.0		93.7	56-150		5.10	30	
2-Butanone	9.53		"	10.0		95.3	49-152		13.2	30	
2-Chlorotoluene	9.71		"	10.0		97.1	79-130		5.99	30	
2-Hexanone	8.99		"	10.0		89.9	51-146		10.7	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH11653 - EPA 5030B											
LCS Dup (BH11653-BSD1)						Prepared & Analyzed: 08/30/2021					
4-Chlorotoluene	9.95		ug/L	10.0		99.5	79-128		3.84	30	
4-Methyl-2-pentanone	9.36		"	10.0		93.6	57-145		12.4	30	
Acetone	10.4		"	10.0		104	14-150		44.8	30	Non-dir.
Benzene	9.72		"	10.0		97.2	85-126		0.411	30	
Bromobenzene	10.6		"	10.0		106	78-129		4.88	30	
Bromochloromethane	9.52		"	10.0		95.2	77-128		8.64	30	
Bromodichloromethane	9.62		"	10.0		96.2	79-128		3.27	30	
Bromoform	10.5		"	10.0		105	78-133		6.65	30	
Bromomethane	10.9		"	10.0		109	43-168		2.04	30	
Carbon disulfide	10.8		"	10.0		108	68-146		2.72	30	
Carbon tetrachloride	9.96		"	10.0		99.6	77-141		1.52	30	
Chlorobenzene	10.3		"	10.0		103	88-120		0.0968	30	
Chloroethane	9.33		"	10.0		93.3	65-136		9.20	30	
Chloroform	9.64		"	10.0		96.4	82-128		2.36	30	
Chloromethane	10.5		"	10.0		105	43-155		1.72	30	
cis-1,2-Dichloroethylene	9.45		"	10.0		94.5	83-129		2.61	30	
cis-1,3-Dichloropropylene	9.64		"	10.0		96.4	80-131		3.27	30	
Dibromochloromethane	9.97		"	10.0		99.7	80-130		2.38	30	
Dibromomethane	9.19		"	10.0		91.9	72-134		10.1	30	
Dichlorodifluoromethane	9.92		"	10.0		99.2	44-144		2.66	30	
Ethyl Benzene	9.92		"	10.0		99.2	80-131		0.903	30	
Hexachlorobutadiene	9.19		"	10.0		91.9	67-146		3.21	30	
Isopropylbenzene	9.92		"	10.0		99.2	76-140		6.91	30	
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	76-135		4.65	30	
Methylene chloride	10.8		"	10.0		108	55-137		1.47	30	
Naphthalene	10.5		"	10.0		105	70-147		4.00	30	
n-Butylbenzene	10.0		"	10.0		100	79-132		4.69	30	
n-Propylbenzene	9.85		"	10.0		98.5	78-133		6.10	30	
o-Xylene	10.1		"	10.0		101	78-130		0.00	30	
p- & m- Xylenes	19.8		"	20.0		98.8	77-133		0.454	30	
p-Diethylbenzene	9.29		"	10.0		92.9	84-134		3.59	30	
p-Ethyltoluene	10.0		"	10.0		100	88-129		4.96	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		6.29	30	
sec-Butylbenzene	9.77		"	10.0		97.7	79-137		5.86	30	
Styrene	9.93		"	10.0		99.3	67-132		1.42	30	
tert-Butylbenzene	9.74		"	10.0		97.4	77-138		6.27	30	
Tetrachloroethylene	6.06		"	10.0		60.6	82-131	Low Bias	0.985	30	
Toluene	9.69		"	10.0		96.9	80-127		1.33	30	
trans-1,2-Dichloroethylene	9.60		"	10.0		96.0	80-132		2.27	30	
trans-1,3-Dichloropropylene	9.61		"	10.0		96.1	78-131		2.67	30	
Trichloroethylene	9.25		"	10.0		92.5	82-128		2.88	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		2.42	30	
Vinyl Chloride	9.57		"	10.0		95.7	58-145		2.75	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	69-130				
Surrogate: SURR: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.85		"	10.0		98.5	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 BI10145 - Preparation for GC Analysis

Blank (BI10145-BLK1)

Prepared & Analyzed: 09/02/2021

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

Duplicate (BI10145-DUP1)

*Source sample: 21H1344-03 (MW9801A_210825)

Prepared & Analyzed: 09/02/2021

Methane	6100	50	ug/L	5800	3.73	35
Ethane	ND	50	"	ND		35
Ethylene (Ethene)	ND	50	"	ND		35



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI10047 - EPA 200.7											
Blank (BI10047-BLK1)											
Iron - Dissolved	ND	0.250	mg/L						Prepared: 09/01/2021 Analyzed: 09/02/2021		
LCS (BI10047-BS1)											
Iron - Dissolved	1.14		ug/mL	1.00		114	85-115		Prepared: 09/01/2021 Analyzed: 09/02/2021		
Duplicate (BI10047-DUP1)											
*Source sample: 21H1393-01 (Duplicate)											
Iron - Dissolved	ND	0.250	mg/L		ND				Prepared: 09/01/2021 Analyzed: 09/03/2021	20	
Matrix Spike (BI10047-MS1)											
*Source sample: 21H1393-01 (Matrix Spike)											
Iron - Dissolved	1.00	0.250	mg/L	1.00	ND	100	75-125		Prepared: 09/01/2021 Analyzed: 09/03/2021		
Post Spike (BI10047-PS1)											
*Source sample: 21H1393-01 (Post Spike)											
Iron - Dissolved	1.03		ug/mL	1.00	-0.00264	103	75-125		Prepared: 09/01/2021 Analyzed: 09/03/2021		



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
Batch BH11604 - EPA 300											
Blank (BH11604-BLK1)											
										Prepared & Analyzed: 08/26/2021	
Nitrate as N	ND	0.0500	mg/L								
Nitrite as N	ND	0.0500	"								
Sulfate	ND	1.00	"								
LCS (BH11604-BS1)											
										Prepared & Analyzed: 08/26/2021	
Nitrate as N	9.77	0.0500	mg/L	10.0		97.7	90-110				
Nitrite as N	9.77	0.0500	"	10.0		97.7	90-110				
Sulfate	10.4	1.00	"	10.0		104	85-115				
Duplicate (BH11604-DUP1)											
*Source sample: 21H1334-01 (Duplicate)										Prepared: 08/26/2021 Analyzed: 08/27/2021	
Nitrate as N	1.45	0.0500	mg/L		1.50				2.96	15	
Nitrite as N	ND	0.0500	"		ND					15	
Sulfate	18.8	1.00	"		18.6				1.15	15	
Matrix Spike (BH11604-MS1)											
*Source sample: 21H1334-01 (Matrix Spike)										Prepared: 08/26/2021 Analyzed: 08/27/2021	
Nitrate as N	11.8	0.0500	mg/L	10.0	1.50	103	90-110				
Nitrite as N	8.32	0.0500	"	10.0	ND	83.2	90-110	Low Bias			
Sulfate	28.5	1.00	"	10.0	18.6	98.9	85-115				
Matrix Spike (BH11604-MS2)											
*Source sample: 21H1334-02 (Matrix Spike)										Prepared: 08/26/2021 Analyzed: 08/27/2021	
Nitrate as N	10.5	0.0500	mg/L	10.0	ND	105	90-110				
Nitrite as N	8.71	0.0500	"	10.0	ND	87.1	90-110	Low Bias			
Sulfate	32.6	1.00	"	10.0	24.0	86.4	85-115				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21H1344-01	MW45A_210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-02	MW45B_210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-02	MW45B_210824	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-03	MW9801A_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-03	MW9801A_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-04	FRW1_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-04	FRW1_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-05	FRW4_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-06	FRW2_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-06	FRW2_210825	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-07	MW28A_210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-08	MW28B_210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-09	MW9805A_210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1344-10	TB01_210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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



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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (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.

120 Research Drive Stratford, CT 06615		132-02 89th Ave Queens, NY 11418		clientservices@yorklab.com		www.yorklab.com		800-306-YORK		800-306-9675		Page 1 of		YORK Project No. 2141344	
YOUR Information				Report To:				Invoice To:				YOUR Project Number			
Company: Ramboll US Consulting				Company: Ramboll US Consulting				Company: Ramboll US Consulting				1690016505			
Address: 401 Carnegie Ctr, 200 Princeton NJ 08540				Address: 234 W. Florida St 5th Flr Milwaukee WI 53204				Address: 234 W. Florida St 5th Flr Milwaukee WI 53204				YOUR Project Name: Korte Sag Harbor / Rinn Rove Ind			
Phone: (201) 575-1715				Phone: (262) 901-0127				Phone: (262) 901-0127				Standard (5-7 Day) X			
Contact: Matthew Sweet				Contact: Mark Mejne				Contact: Mark Mejne				Standard (5-7 Day) X			
E-mail: msweet@ramboll.com				E-mail: mmejne@ramboll.com				E-mail: mmejne@ramboll.com				YOUR Reg. Comp. Compared to the following Regulation(s): (please fill in) MYSDC AWQS			
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.															
Matthew Sweet															
Samples Collected by: (print AND sign your name)															
Sample Identification															
MW45A-210824															
MW45B-210824															
MW9801A-210825															
FRW2-210825															
FRW4-210825															
FRW2-210825															
MW28A-210826															
MW28B-210826															
MW9805A-210826															
TB01-210826															
Comments: Send Equis 4 File to edlprinceton@ramboll.com Analyze and Report Nitrate/Nitrate together by 300 series for 28 day hold time															
1. Samples Relinquished by / Company				Date/Time				1. Samples Received by / Company				Date/Time			
Matthew Sweet				8/26/21 1253				K. B. New York				8/26/21 1253			
2. Samples Relinquished by / Company				Date/Time				2. Samples Relinquished by / Company				Date/Time			
Matthew Sweet				8/26/21 1253				K. B. New York				8/26/21 1253			
3. Samples Relinquished by / Company				Date/Time				3. Samples Relinquished by / Company				Date/Time			
Matthew Sweet				8/26/21 1253				K. B. New York				8/26/21 1253			
4. Samples Relinquished by / Company				Date/Time				4. Samples Relinquished by / Company				Date/Time			
Matthew Sweet				8/26/21 1253				K. B. New York				8/26/21 1253			
Samples Received in LAB by 7562 8/26/21 1744															
Temperature 1.9 Degrees C															



Technical Report

prepared for:

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

Report Date: 11/23/2021
Client Project ID: 1690016505 Kraft Sag Harbor/Frm Rowe Ind
York Project (SDG) No.: 21H1447

Revision No. 2.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/23/2021
Client Project ID: 1690016505 Kraft Sag Harbor/Frm Rowe Ind
York Project (SDG) No.: 21H1447

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 30, 2021 and listed below. The project was identified as your project: **1690016505 Kraft Sag Harbor/Frm 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>
21H1447-01	FRW3-210826	Water	08/26/2021	08/30/2021
21H1447-02	DUP01-210826	Water	08/26/2021	08/30/2021
21H1447-03	MW58A-210827	Water	08/27/2021	08/30/2021
21H1447-04	MW58B-210827	Water	08/27/2021	08/30/2021
21H1447-05	FB01-210827	Water	08/27/2021	08/30/2021
21H1447-06	TB01-210827	Water	08/27/2021	08/30/2021

General Notes for York Project (SDG) No.: 21H1447

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

Approved By:



Date: 11/23/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: FRW3-210826

York Sample ID: 21H1447-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 3:15 pm

08/30/2021

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	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2021 09:00	09/02/2021 13:02	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
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	09/02/2021 09:00	09/02/2021 13:02	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD



Sample Information

Client Sample ID: FRW3-210826

York Sample ID: 21H1447-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 3:15 pm

08/30/2021

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:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
78-93-3	2-Butanone	1100		ug/L	10	25	50	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:59	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
591-78-6	2-Hexanone	300		ug/L	2.0	5.0	10	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:31	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
108-10-1	4-Methyl-2-pentanone	2.8		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
67-64-1	Acetone	710	ICV-E	ug/L	10	20	10	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:31	PD
71-43-2	Benzene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-15-0	Carbon disulfide	0.28	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
156-59-2	cis-1,2-Dichloroethylene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD



Sample Information

Client Sample ID: FRW3-210826

York Sample ID: 21H1447-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 3:15 pm

08/30/2021

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:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/02/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
95-47-6	o-Xylene	0.21	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/02/2021 13:02	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	09/02/2021 13:02	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
108-88-3	Toluene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 13:02	PD



Sample Information

Client Sample ID: FRW3-210826

York Sample ID: 21H1447-01

York Project (SDG) No.

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Matrix

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21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 3:15 pm

08/30/2021

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	5.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 13:02	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/02/2021 09:00	09/02/2021 13:02	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.5 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
NA	unknown 6.710	58	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown 9.851	25	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 11.060	68	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 11.174	46	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 12.508	45	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 6.449	230	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 6.563	31	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD
NA	unknown ketone 9.743	170	J	ug/L			1	EPA 8260C Certifications:	09/02/2021 09:00	09/02/2021 13:02	PD

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	5600		ug/L	100	10	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:44	RB/
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:37	RB/
74-85-1	* Ethylene (Ethene)	17		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:37	RB/



Sample Information

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York Sample ID: 21H1447-01

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1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 3:15 pm

08/30/2021

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	168		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2021 08:32	09/07/2021 10:40	WJM

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	08/31/2021 14:21	09/01/2021 01:21	MAO

Nitrate (NO3-N) + Nitrite (NO2-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
NO2NO3-N	* Nitrate + Nitrite Nitrogen as N	ND		mg/L	0.0500	1	SM 4500-NO3 F Certifications: CTDOH	08/31/2021 14:21	09/07/2021 16:49	ZTS

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)	212		mg/L	10.0	10	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/30/2021 14:34	09/02/2021 13:36	AD

Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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	09/01/2021 12:30	09/01/2021 17:59	PD
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	09/01/2021 12:30	09/01/2021 17:59	PD
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	09/01/2021 12:30	09/01/2021 17:59	PD



Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 17:59	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
106-93-4	1,2-Dibromoethane	0.33	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
78-93-3	2-Butanone	1100		ug/L	10	25	50	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 14:55	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:59	PD
591-78-6	2-Hexanone	300		ug/L	2.0	5.0	10	EPA 8260C Certifications:	09/02/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 14:27	PD



Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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	09/01/2021 12:30	09/01/2021 17:59	PD
108-10-1	4-Methyl-2-pentanone	2.7		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
67-64-1	Acetone	710	ICV-E	ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/02/2021 09:00	09/02/2021 14:27	PD
71-43-2	Benzene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-15-0	Carbon disulfide	0.50		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
156-59-2	cis-1,2-Dichloroethylene	1.6		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
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	09/01/2021 12:30	09/01/2021 17:59	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD



Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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	09/01/2021 12:30	09/01/2021 17:59	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
95-47-6	o-Xylene	0.20	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
108-88-3	Toluene	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
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	09/01/2021 12:30	09/01/2021 17:59	PD
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	09/01/2021 12:30	09/01/2021 17:59	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
75-01-4	Vinyl Chloride	5.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:59	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 12:30	09/01/2021 17:59	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.9 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	81-117								



Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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						

Volatile Organics, Tentatively Identified Cmpds.

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
NA	Butanol isomer, methyl-	55	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	Cyclohexanone isomer, ethyl-	24	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	Heptanol isomer	24	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	nonanone isomer	38	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	unknown alkane 11.060	61	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	unknown alkane 11.174	41	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	unknown alkane 6.449	230	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	unknown alkane 6.564	32	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD
NA	unknown alkane 9.743	160	J	ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:59	PD

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	5600		ug/L	100	10	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:58	RB/
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:50	RB/
74-85-1	* Ethylene (Ethene)	13		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 15:50	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	166		mg/L	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2021 08:32	09/07/2021 10:44	WJM



Sample Information

Client Sample ID: DUP01-210826

York Sample ID: 21H1447-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 26, 2021 2:00 pm

08/30/2021

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	08/31/2021 14:21	09/01/2021 01:43	MAO

Nitrate (NO₃-N) + Nitrite (NO₂-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
NO2NO3-N	* Nitrate + Nitrite Nitrogen as N	ND		mg/L	0.0500	1	SM 4500-NO3 F Certifications: CTDOH	08/31/2021 14:21	09/07/2021 16:49	ZTS

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)	214		mg/L	10.0	10	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/30/2021 14:34	09/02/2021 13:36	AD

Sample Information

Client Sample ID: MW58A-210827

York Sample ID: 21H1447-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 9:50 am

08/30/2021

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	09/01/2021 12:30	09/01/2021 18:27	PD
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	09/01/2021 12:30	09/01/2021 18:27	PD
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	09/01/2021 12:30	09/01/2021 18:27	PD
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	09/01/2021 12:30	09/01/2021 18:27	PD
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	09/01/2021 12:30	09/01/2021 18:27	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:27	PD



Sample Information

Client Sample ID: MW58A-210827

York Sample ID: 21H1447-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 9:50 am

08/30/2021

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
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 18:27	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:27	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
78-93-3	2-Butanone	0.68		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
591-78-6	2-Hexanone	0.66		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD



Sample Information

Client Sample ID: MW58A-210827

York Sample ID: 21H1447-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 9:50 am

08/30/2021

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
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD



York Sample ID: 21H1447-03

Date Received

08/30/2021

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:27	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 18:27	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	103 %	69-130
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	98.3 %	81-117
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	99.9 %	79-122

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE www.YORKLAB.com		STRATFORD, CT 06615 (203) 325-1371			■		132-02 89th AVENUE FAX (203) 357-0166		RICHMOND HILL, NY 11418 ClientServices@yorklab.com		



Sample Information

Client Sample ID: MW58A-210827

York Sample ID: 21H1447-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 9:50 am

08/30/2021

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:27	PD

Sample Information

Client Sample ID: MW58B-210827

York Sample ID: 21H1447-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:05 am

08/30/2021

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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 12:30	09/01/2021 18:56	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:56	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD



Sample Information

Client Sample ID: MW58B-210827

York Sample ID: 21H1447-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:05 am

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD



Sample Information

Client Sample ID: MW58B-210827

York Sample ID: 21H1447-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:05 am

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
67-66-3	Chloroform	0.91		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:56	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:56	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 18:56	PD



Sample Information

Client Sample ID: MW58B-210827

York Sample ID: 21H1447-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:05 am

08/30/2021

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	09/01/2021 12:30	09/01/2021 18:56	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
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	09/01/2021 12:30	09/01/2021 18:56	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 18:56	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 12:30	09/01/2021 18:56	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.9 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 18:56	PD

Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

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	09/01/2021 12:30	09/01/2021 16:35	PD



Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 16:35	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 16:35	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD



Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD



Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

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:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-09-2	Methylene chloride	3.0	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 16:35	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 16:35	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 16:35	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 16:35	PD

Surrogate Recoveries

Result

Acceptance Range

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com



Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

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	101 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.1 %			79-122						

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 16:35	PD

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:	09/02/2021 13:51	09/02/2021 16:04	RB/
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 16:04	RB/
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	09/02/2021 13:51	09/02/2021 16:04	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	0.250	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	09/03/2021 08:32	09/07/2021 10:47	WJM

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	08/31/2021 14:21	09/01/2021 02:05	MAO

Nitrate (NO3-N) + Nitrite (NO2-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
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Sample Information

Client Sample ID: FB01-210827

York Sample ID: 21H1447-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 11:30 am

08/30/2021

Nitrate (NO3-N) + Nitrite (NO2-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
NO2NO3-N	* Nitrate + Nitrite Nitrogen as N	ND		mg/L	0.0500	1	SM 4500-NO3 F Certifications: CTDOH	08/31/2021 14:21	09/07/2021 16:49	ZTS

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)	ND		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/30/2021 14:34	09/02/2021 13:36	AD

Sample Information

Client Sample ID: TB01-210827

York Sample ID: 21H1447-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 3:00 pm

08/30/2021

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	09/01/2021 12:30	09/01/2021 17:03	PD
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	09/01/2021 12:30	09/01/2021 17:03	PD
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	09/01/2021 12:30	09/01/2021 17:03	PD
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	09/01/2021 12:30	09/01/2021 17:03	PD
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	09/01/2021 12:30	09/01/2021 17:03	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:03	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:03	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	09/01/2021 12:30	09/01/2021 17:03	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:03	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 12:30	09/01/2021 17:03	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD



Sample Information

Client Sample ID: TB01-210827

York Sample ID: 21H1447-06

York Project (SDG) No.

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1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 3:00 pm

08/30/2021

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:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD



Sample Information

Client Sample ID: TB01-210827

York Sample ID: 21H1447-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 3:00 pm

08/30/2021

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:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/01/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	09/01/2021 17:03	PD



Sample Information

Client Sample ID: TB01-210827

York Sample ID: 21H1447-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21H1447

1690016505 Kraft Sag Harbor/Frm Rowe Ind

Water

August 27, 2021 3:00 pm

08/30/2021

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:	09/01/2021 12:30	09/01/2021 17:03	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.7 %	79-122								

Volatile Organics, Tentatively Identified Cmpds.

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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	09/01/2021 12:30	09/01/2021 17:03	PD



Analytical Batch Summary

Batch ID: BH11684 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-01	FRW3-210826	08/30/21
21H1447-02	DUP01-210826	08/30/21
21H1447-05	FB01-210827	08/30/21
BH11684-BLK1	Blank	08/30/21
BH11684-BS1	LCS	08/30/21
BH11684-DUP1	Duplicate	08/30/21
BH11684-MS1	Matrix Spike	08/30/21

Batch ID: BI10019 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-02	DUP01-210826	09/01/21
21H1447-03	MW58A-210827	09/01/21
21H1447-04	MW58B-210827	09/01/21
21H1447-05	FB01-210827	09/01/21
21H1447-06	TB01-210827	09/01/21
BI10019-BLK1	Blank	09/01/21
BI10019-BS1	LCS	09/01/21
BI10019-BSD1	LCS Dup	09/01/21

Batch ID: BI10078 **Preparation Method:** EPA 300 **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-01	FRW3-210826	08/31/21
21H1447-01	FRW3-210826	08/31/21
21H1447-02	DUP01-210826	08/31/21
21H1447-02	DUP01-210826	08/31/21
21H1447-05	FB01-210827	08/31/21
21H1447-05	FB01-210827	08/31/21
BI10078-BLK1	Blank	08/31/21
BI10078-BLK1	Blank	08/31/21
BI10078-BS1	LCS	08/31/21
BI10078-BS1	LCS	08/31/21
BI10078-DUP1	Duplicate	08/31/21
BI10078-DUP1	Duplicate	08/31/21
BI10078-MS1	Matrix Spike	08/31/21
BI10078-MS1	Matrix Spike	08/31/21
BI10078-MS2	Matrix Spike	08/31/21
BI10078-MS2	Matrix Spike	08/31/21

Batch ID: BI10115 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-01	FRW3-210826	09/02/21



21H1447-01	FRW3-210826	09/02/21
21H1447-01RE1	FRW3-210826	09/02/21
21H1447-01RE2	FRW3-210826	09/02/21
21H1447-02RE1	DUP01-210826	09/02/21
21H1447-02RE2	DUP01-210826	09/02/21
BI10115-BLK1	Blank	09/02/21
BI10115-BS1	LCS	09/02/21
BI10115-BSD1	LCS Dup	09/02/21

Batch ID: BI10145 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-01	FRW3-210826	09/02/21
21H1447-01RE1	FRW3-210826	09/02/21
21H1447-02	DUP01-210826	09/02/21
21H1447-02RE1	DUP01-210826	09/02/21
21H1447-05	FB01-210827	09/02/21
BI10145-BLK1	Blank	09/02/21
BI10145-DUP1	Duplicate	09/02/21

Batch ID: BI10183 **Preparation Method:** EPA 200.7 **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21H1447-01	FRW3-210826	09/03/21
21H1447-02	DUP01-210826	09/03/21
21H1447-05	FB01-210827	09/03/21
BI10183-BLK1	Blank	09/03/21
BI10183-BS1	LCS	09/03/21
BI10183-DUP1	Duplicate	09/03/21
BI10183-MS1	Matrix Spike	09/03/21
BI10183-PS1	Post Spike	09/03/21



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 BI10019 - EPA 5030B

Blank (BI10019-BLK1)

Prepared & Analyzed: 09/01/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
Tentatively Identified Compounds	0.0		"
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	"



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 BI10019 - EPA 5030B

Blank (BI10019-BLK1)

Prepared & Analyzed: 09/01/2021

Isopropylbenzene	ND	0.50	ug/L								
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	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.90		"	10.0		99.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.88		"	10.0		98.8	79-122				

LCS (BI10019-BS1)

Prepared & Analyzed: 09/01/2021

1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82-126				
1,1,1-Trichloroethane	9.68		"	10.0		96.8	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165				
1,1,2-Trichloroethane	9.43		"	10.0		94.3	82-123				
1,1-Dichloroethane	9.49		"	10.0		94.9	82-129				
1,1-Dichloroethylene	9.71		"	10.0		97.1	68-138				
1,1-Dichloropropylene	9.27		"	10.0		92.7	83-133				
1,2,3-Trichlorobenzene	9.45		"	10.0		94.5	76-136				
1,2,3-Trichloropropane	9.47		"	10.0		94.7	77-128				
1,2,4,5-Tetramethylbenzene	9.24		"	10.0		92.4	85-140				
1,2,4-Trichlorobenzene	9.37		"	10.0		93.7	76-137				
1,2,4-Trimethylbenzene	9.45		"	10.0		94.5	82-132				
1,2-Dibromo-3-chloropropane	9.33		"	10.0		93.3	45-147				
1,2-Dibromoethane	9.34		"	10.0		93.4	83-124				
1,2-Dichlorobenzene	9.45		"	10.0		94.5	79-123				
1,2-Dichloroethane	9.53		"	10.0		95.3	73-132				
1,2-Dichloropropane	9.46		"	10.0		94.6	78-126				
1,3,5-Trimethylbenzene	9.38		"	10.0		93.8	80-131				
1,3-Dichlorobenzene	9.45		"	10.0		94.5	86-122				
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	9.50		"	10.0		95.0	85-124				
2,2-Dichloropropane	9.58		"	10.0		95.8	56-150				



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 BI10019 - EPA 5030B

LCS (BI10019-BS1)

Prepared & Analyzed: 09/01/2021

2-Butanone	8.65		ug/L	10.0		86.5	49-152				
2-Chlorotoluene	9.54		"	10.0		95.4	79-130				
2-Hexanone	8.22		"	10.0		82.2	51-146				
4-Chlorotoluene	9.64		"	10.0		96.4	79-128				
4-Methyl-2-pentanone	9.05		"	10.0		90.5	57-145				
Acetone	6.26		"	10.0		62.6	14-150				
Benzene	9.67		"	10.0		96.7	85-126				
Bromobenzene	9.25		"	10.0		92.5	78-129				
Bromochloromethane	9.53		"	10.0		95.3	77-128				
Bromodichloromethane	9.31		"	10.0		93.1	79-128				
Bromoform	9.73		"	10.0		97.3	78-133				
Bromomethane	9.64		"	10.0		96.4	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.92		"	10.0		99.2	77-141				
Chlorobenzene	9.96		"	10.0		99.6	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	11.7		"	10.0		117	43-155				
cis-1,2-Dichloroethylene	9.52		"	10.0		95.2	83-129				
cis-1,3-Dichloropropylene	9.25		"	10.0		92.5	80-131				
Dibromochloromethane	9.21		"	10.0		92.1	80-130				
Dibromomethane	9.54		"	10.0		95.4	72-134				
Dichlorodifluoromethane	13.6		"	10.0		136	44-144				
Ethyl Benzene	9.68		"	10.0		96.8	80-131				
Hexachlorobutadiene	8.70		"	10.0		87.0	67-146				
Isopropylbenzene	9.79		"	10.0		97.9	76-140				
Methyl tert-butyl ether (MTBE)	9.42		"	10.0		94.2	76-135				
Methylene chloride	10.1		"	10.0		101	55-137				
Naphthalene	9.36		"	10.0		93.6	70-147				
n-Butylbenzene	8.86		"	10.0		88.6	79-132				
n-Propylbenzene	9.55		"	10.0		95.5	78-133				
o-Xylene	9.77		"	10.0		97.7	78-130				
p- & m- Xylenes	19.8		"	20.0		99.1	77-133				
p-Diethylbenzene	9.34		"	10.0		93.4	84-134				
p-Ethyltoluene	9.66		"	10.0		96.6	88-129				
p-Isopropyltoluene	9.50		"	10.0		95.0	81-136				
sec-Butylbenzene	9.46		"	10.0		94.6	79-137				
Styrene	9.36		"	10.0		93.6	67-132				
tert-Butylbenzene	9.56		"	10.0		95.6	77-138				
Tetrachloroethylene	5.33		"	10.0		53.3	82-131	Low Bias			
Toluene	9.56		"	10.0		95.6	80-127				
trans-1,2-Dichloroethylene	9.79		"	10.0		97.9	80-132				
trans-1,3-Dichloropropylene	9.16		"	10.0		91.6	78-131				
Trichloroethylene	8.96		"	10.0		89.6	82-128				
Trichlorofluoromethane	10.7		"	10.0		107	67-139				
Vinyl Chloride	11.3		"	10.0		113	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.91		"	10.0		99.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.86		"	10.0		98.6	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 BI10019 - EPA 5030B											
LCS Dup (BI10019-BSD1)						Prepared & Analyzed: 09/01/2021					
1,1,1,2-Tetrachloroethane	9.25		ug/L	10.0		92.5	82-126		0.647	30	
1,1,1-Trichloroethane	9.42		"	10.0		94.2	78-136		2.72	30	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	76-129		0.869	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.90		"	10.0		99.0	54-165		1.80	30	
1,1,2-Trichloroethane	9.22		"	10.0		92.2	82-123		2.25	30	
1,1-Dichloroethane	9.22		"	10.0		92.2	82-129		2.89	30	
1,1-Dichloroethylene	9.41		"	10.0		94.1	68-138		3.14	30	
1,1-Dichloropropylene	8.91		"	10.0		89.1	83-133		3.96	30	
1,2,3-Trichlorobenzene	9.33		"	10.0		93.3	76-136		1.28	30	
1,2,3-Trichloropropane	9.63		"	10.0		96.3	77-128		1.68	30	
1,2,4,5-Tetramethylbenzene	9.29		"	10.0		92.9	85-140		0.540	30	
1,2,4-Trichlorobenzene	9.27		"	10.0		92.7	76-137		1.07	30	
1,2,4-Trimethylbenzene	9.42		"	10.0		94.2	82-132		0.318	30	
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	45-147		3.48	30	
1,2-Dibromoethane	9.32		"	10.0		93.2	83-124		0.214	30	
1,2-Dichlorobenzene	9.42		"	10.0		94.2	79-123		0.318	30	
1,2-Dichloroethane	9.38		"	10.0		93.8	73-132		1.59	30	
1,2-Dichloropropane	9.30		"	10.0		93.0	78-126		1.71	30	
1,3,5-Trimethylbenzene	9.36		"	10.0		93.6	80-131		0.213	30	
1,3-Dichlorobenzene	9.44		"	10.0		94.4	86-122		0.106	30	
1,3-Dichloropropane	9.07		"	10.0		90.7	81-125		0.659	30	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	85-124		1.16	30	
2,2-Dichloropropane	9.01		"	10.0		90.1	56-150		6.13	30	
2-Butanone	8.51		"	10.0		85.1	49-152		1.63	30	
2-Chlorotoluene	9.47		"	10.0		94.7	79-130		0.736	30	
2-Hexanone	8.36		"	10.0		83.6	51-146		1.69	30	
4-Chlorotoluene	9.59		"	10.0		95.9	79-128		0.520	30	
4-Methyl-2-pentanone	9.08		"	10.0		90.8	57-145		0.331	30	
Acetone	5.94		"	10.0		59.4	14-150		5.25	30	
Benzene	9.41		"	10.0		94.1	85-126		2.73	30	
Bromobenzene	9.06		"	10.0		90.6	78-129		2.08	30	
Bromochloromethane	9.35		"	10.0		93.5	77-128		1.91	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		1.73	30	
Bromoform	9.63		"	10.0		96.3	78-133		1.03	30	
Bromomethane	9.30		"	10.0		93.0	43-168		3.59	30	
Carbon disulfide	9.77		"	10.0		97.7	68-146		4.50	30	
Carbon tetrachloride	9.58		"	10.0		95.8	77-141		3.49	30	
Chlorobenzene	9.83		"	10.0		98.3	88-120		1.31	30	
Chloroethane	9.78		"	10.0		97.8	65-136		4.79	30	
Chloroform	9.24		"	10.0		92.4	82-128		2.14	30	
Chloromethane	11.0		"	10.0		110	43-155		6.79	30	
cis-1,2-Dichloroethylene	9.09		"	10.0		90.9	83-129		4.62	30	
cis-1,3-Dichloropropylene	9.10		"	10.0		91.0	80-131		1.63	30	
Dibromochloromethane	9.24		"	10.0		92.4	80-130		0.325	30	
Dibromomethane	9.40		"	10.0		94.0	72-134		1.48	30	
Dichlorodifluoromethane	13.2		"	10.0		132	44-144		3.13	30	
Ethyl Benzene	9.51		"	10.0		95.1	80-131		1.77	30	
Hexachlorobutadiene	8.98		"	10.0		89.8	67-146		3.17	30	
Isopropylbenzene	9.68		"	10.0		96.8	76-140		1.13	30	
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	76-135		0.318	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 BI10019 - EPA 5030B

LCS Dup (BI10019-BSD1)

Prepared & Analyzed: 09/01/2021

Methylene chloride	9.71		ug/L	10.0		97.1	55-137		3.84	30	
Naphthalene	9.45		"	10.0		94.5	70-147		0.957	30	
n-Butylbenzene	8.69		"	10.0		86.9	79-132		1.94	30	
n-Propylbenzene	9.47		"	10.0		94.7	78-133		0.841	30	
o-Xylene	9.61		"	10.0		96.1	78-130		1.65	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		1.68	30	
p-Diethylbenzene	9.41		"	10.0		94.1	84-134		0.747	30	
p-Ethyltoluene	9.63		"	10.0		96.3	88-129		0.311	30	
p-Isopropyltoluene	9.49		"	10.0		94.9	81-136		0.105	30	
sec-Butylbenzene	9.46		"	10.0		94.6	79-137		0.00	30	
Styrene	9.25		"	10.0		92.5	67-132		1.18	30	
tert-Butylbenzene	9.53		"	10.0		95.3	77-138		0.314	30	
Tetrachloroethylene	5.19		"	10.0		51.9	82-131	Low Bias	2.66	30	
Toluene	9.36		"	10.0		93.6	80-127		2.11	30	
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	80-132		4.38	30	
trans-1,3-Dichloropropylene	9.14		"	10.0		91.4	78-131		0.219	30	
Trichloroethylene	8.75		"	10.0		87.5	82-128		2.37	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		4.10	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		3.98	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.92		"	10.0		99.2	79-122				

Batch BI10115 - EPA 5030B

Blank (BI10115-BLK1)

Prepared & Analyzed: 09/02/2021

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
Tentatively Identified Compounds	0.0		"								
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	"								



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 BI10115 - EPA 5030B

Blank (BI10115-BLK1)

Prepared & Analyzed: 09/02/2021

2-Chlorotoluene	ND	0.50	ug/L								
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	"								
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	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.86		"	10.0		98.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.87		"	10.0		98.7	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 BI10115 - EPA 5030B											
LCS (BI10115-BS1)						Prepared & Analyzed: 09/02/2021					
1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82-126				
1,1,1-Trichloroethane	9.79		"	10.0		97.9	78-136				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.23		"	10.0		92.3	82-123				
1,1-Dichloroethane	9.42		"	10.0		94.2	82-129				
1,1-Dichloroethylene	9.81		"	10.0		98.1	68-138				
1,1-Dichloropropylene	9.24		"	10.0		92.4	83-133				
1,2,3-Trichlorobenzene	9.43		"	10.0		94.3	76-136				
1,2,3-Trichloropropane	9.51		"	10.0		95.1	77-128				
1,2,4,5-Tetramethylbenzene	9.30		"	10.0		93.0	85-140				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2	76-137				
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	82-132				
1,2-Dibromo-3-chloropropane	9.54		"	10.0		95.4	45-147				
1,2-Dibromoethane	9.29		"	10.0		92.9	83-124				
1,2-Dichlorobenzene	9.37		"	10.0		93.7	79-123				
1,2-Dichloroethane	9.63		"	10.0		96.3	73-132				
1,2-Dichloropropane	9.34		"	10.0		93.4	78-126				
1,3,5-Trimethylbenzene	9.20		"	10.0		92.0	80-131				
1,3-Dichlorobenzene	9.38		"	10.0		93.8	86-122				
1,3-Dichloropropane	9.06		"	10.0		90.6	81-125				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
2,2-Dichloropropane	10.7		"	10.0		107	56-150				
2-Butanone	8.56		"	10.0		85.6	49-152				
2-Chlorotoluene	9.51		"	10.0		95.1	79-130				
2-Hexanone	8.34		"	10.0		83.4	51-146				
4-Chlorotoluene	9.55		"	10.0		95.5	79-128				
4-Methyl-2-pentanone	9.09		"	10.0		90.9	57-145				
Acetone	5.80		"	10.0		58.0	14-150				
Benzene	9.64		"	10.0		96.4	85-126				
Bromobenzene	9.06		"	10.0		90.6	78-129				
Bromochloromethane	9.68		"	10.0		96.8	77-128				
Bromodichloromethane	9.29		"	10.0		92.9	79-128				
Bromoform	9.68		"	10.0		96.8	78-133				
Bromomethane	10.2		"	10.0		102	43-168				
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	9.90		"	10.0		99.0	88-120				
Chloroethane	11.1		"	10.0		111	65-136				
Chloroform	9.49		"	10.0		94.9	82-128				
Chloromethane	11.7		"	10.0		117	43-155				
cis-1,2-Dichloroethylene	9.45		"	10.0		94.5	83-129				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	80-131				
Dibromochloromethane	9.33		"	10.0		93.3	80-130				
Dibromomethane	9.42		"	10.0		94.2	72-134				
Dichlorodifluoromethane	14.5		"	10.0		145	44-144	High Bias			
Ethyl Benzene	9.65		"	10.0		96.5	80-131				
Hexachlorobutadiene	8.72		"	10.0		87.2	67-146				
Isopropylbenzene	9.70		"	10.0		97.0	76-140				
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	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
Batch BI10115 - EPA 5030B											
LCS (BI10115-BS1)						Prepared & Analyzed: 09/02/2021					
Methylene chloride	9.01		ug/L	10.0		90.1	55-137				
Naphthalene	9.34		"	10.0		93.4	70-147				
n-Butylbenzene	8.75		"	10.0		87.5	79-132				
n-Propylbenzene	9.42		"	10.0		94.2	78-133				
o-Xylene	9.66		"	10.0		96.6	78-130				
p- & m- Xylenes	19.6		"	20.0		98.2	77-133				
p-Diethylbenzene	9.34		"	10.0		93.4	84-134				
p-Ethyltoluene	9.85		"	10.0		98.5	88-129				
p-Isopropyltoluene	9.34		"	10.0		93.4	81-136				
sec-Butylbenzene	9.25		"	10.0		92.5	79-137				
Styrene	9.40		"	10.0		94.0	67-132				
tert-Butylbenzene	9.39		"	10.0		93.9	77-138				
Tetrachloroethylene	5.37		"	10.0		53.7	82-131	Low Bias			
Toluene	9.48		"	10.0		94.8	80-127				
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-132				
trans-1,3-Dichloropropylene	9.40		"	10.0		94.0	78-131				
Trichloroethylene	8.89		"	10.0		88.9	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	11.9		"	10.0		119	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				
LCS Dup (BI10115-BSD1)						Prepared & Analyzed: 09/02/2021					
1,1,1,2-Tetrachloroethane	9.00		ug/L	10.0		90.0	82-126		3.39	30	
1,1,1-Trichloroethane	9.11		"	10.0		91.1	78-136		7.20	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		0.291	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57		"	10.0		95.7	54-165		6.67	30	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	82-123		1.64	30	
1,1-Dichloroethane	8.89		"	10.0		88.9	82-129		5.79	30	
1,1-Dichloroethylene	9.10		"	10.0		91.0	68-138		7.51	30	
1,1-Dichloropropylene	8.60		"	10.0		86.0	83-133		7.17	30	
1,2,3-Trichlorobenzene	9.18		"	10.0		91.8	76-136		2.69	30	
1,2,3-Trichloropropane	9.33		"	10.0		93.3	77-128		1.91	30	
1,2,4,5-Tetramethylbenzene	9.26		"	10.0		92.6	85-140		0.431	30	
1,2,4-Trichlorobenzene	9.17		"	10.0		91.7	76-137		0.547	30	
1,2,4-Trimethylbenzene	9.26		"	10.0		92.6	82-132		0.646	30	
1,2-Dibromo-3-chloropropane	9.62		"	10.0		96.2	45-147		0.835	30	
1,2-Dibromoethane	9.14		"	10.0		91.4	83-124		1.63	30	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	79-123		1.83	30	
1,2-Dichloroethane	9.12		"	10.0		91.2	73-132		5.44	30	
1,2-Dichloropropane	8.98		"	10.0		89.8	78-126		3.93	30	
1,3,5-Trimethylbenzene	9.03		"	10.0		90.3	80-131		1.87	30	
1,3-Dichlorobenzene	9.26		"	10.0		92.6	86-122		1.29	30	
1,3-Dichloropropane	8.85		"	10.0		88.5	81-125		2.35	30	
1,4-Dichlorobenzene	9.19		"	10.0		91.9	85-124		3.00	30	
2,2-Dichloropropane	9.93		"	10.0		99.3	56-150		7.56	30	
2-Butanone	8.61		"	10.0		86.1	49-152		0.582	30	
2-Chlorotoluene	9.34		"	10.0		93.4	79-130		1.80	30	
2-Hexanone	8.19		"	10.0		81.9	51-146		1.81	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 BI10115 - EPA 5030B											
LCS Dup (BI10115-BSD1)						Prepared & Analyzed: 09/02/2021					
4-Chlorotoluene	9.32		ug/L	10.0		93.2	79-128		2.44	30	
4-Methyl-2-pentanone	8.91		"	10.0		89.1	57-145		2.00	30	
Acetone	5.64		"	10.0		56.4	14-150		2.80	30	
Benzene	9.09		"	10.0		90.9	85-126		5.87	30	
Bromobenzene	8.99		"	10.0		89.9	78-129		0.776	30	
Bromochloromethane	9.14		"	10.0		91.4	77-128		5.74	30	
Bromodichloromethane	8.99		"	10.0		89.9	79-128		3.28	30	
Bromoform	9.53		"	10.0		95.3	78-133		1.56	30	
Bromomethane	9.42		"	10.0		94.2	43-168		7.85	30	
Carbon disulfide	9.40		"	10.0		94.0	68-146		8.65	30	
Carbon tetrachloride	9.33		"	10.0		93.3	77-141		7.43	30	
Chlorobenzene	9.52		"	10.0		95.2	88-120		3.91	30	
Chloroethane	10.1		"	10.0		101	65-136		9.37	30	
Chloroform	8.97		"	10.0		89.7	82-128		5.63	30	
Chloromethane	10.4		"	10.0		104	43-155		11.4	30	
cis-1,2-Dichloroethylene	8.99		"	10.0		89.9	83-129		4.99	30	
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	80-131		2.83	30	
Dibromochloromethane	9.02		"	10.0		90.2	80-130		3.38	30	
Dibromomethane	9.22		"	10.0		92.2	72-134		2.15	30	
Dichlorodifluoromethane	13.5		"	10.0		135	44-144		7.57	30	
Ethyl Benzene	9.22		"	10.0		92.2	80-131		4.56	30	
Hexachlorobutadiene	8.98		"	10.0		89.8	67-146		2.94	30	
Isopropylbenzene	9.41		"	10.0		94.1	76-140		3.04	30	
Methyl tert-butyl ether (MTBE)	9.20		"	10.0		92.0	76-135		3.31	30	
Methylene chloride	8.65		"	10.0		86.5	55-137		4.08	30	
Naphthalene	9.45		"	10.0		94.5	70-147		1.17	30	
n-Butylbenzene	8.72		"	10.0		87.2	79-132		0.343	30	
n-Propylbenzene	9.21		"	10.0		92.1	78-133		2.25	30	
o-Xylene	9.36		"	10.0		93.6	78-130		3.15	30	
p- & m- Xylenes	18.8		"	20.0		94.2	77-133		4.21	30	
p-Diethylbenzene	9.31		"	10.0		93.1	84-134		0.322	30	
p-Ethyltoluene	9.65		"	10.0		96.5	88-129		2.05	30	
p-Isopropyltoluene	9.29		"	10.0		92.9	81-136		0.537	30	
sec-Butylbenzene	9.20		"	10.0		92.0	79-137		0.542	30	
Styrene	9.01		"	10.0		90.1	67-132		4.24	30	
tert-Butylbenzene	9.23		"	10.0		92.3	77-138		1.72	30	
Tetrachloroethylene	5.05		"	10.0		50.5	82-131	Low Bias	6.14	30	
Toluene	9.07		"	10.0		90.7	80-127		4.42	30	
trans-1,2-Dichloroethylene	9.04		"	10.0		90.4	80-132		7.66	30	
trans-1,3-Dichloropropylene	9.05		"	10.0		90.5	78-131		3.79	30	
Trichloroethylene	8.43		"	10.0		84.3	82-128		5.31	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		7.38	30	
Vinyl Chloride	10.8		"	10.0		108	58-145		9.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.96		"	10.0		99.6	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.97		"	10.0		99.7	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 BI10145 - Preparation for GC Analysis

Blank (BI10145-BLK1)

Prepared & Analyzed: 09/02/2021

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

Duplicate (BI10145-DUP1)

*Source sample: 21H1344-03 (Duplicate)

Prepared & Analyzed: 09/02/2021

Methane	6100	50	ug/L	5800	3.73	35
Ethane	ND	50	"	ND		35
Ethylene (Ethene)	ND	50	"	ND		35



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BI10183 - EPA 200.7

Blank (BI10183-BLK1)

Prepared: 09/03/2021 Analyzed: 09/07/2021

Iron - Dissolved ND 0.250 mg/L

LCS (BI10183-BS1)

Prepared: 09/03/2021 Analyzed: 09/07/2021

Iron - Dissolved 1.03 ug/mL 1.00 103 85-115

Duplicate (BI10183-DUP1)

*Source sample: 21H1447-05 (FB01-210827)

Prepared: 09/03/2021 Analyzed: 09/07/2021

Iron - Dissolved ND 0.250 mg/L ND 20

Matrix Spike (BI10183-MS1)

*Source sample: 21H1447-05 (FB01-210827)

Prepared: 09/03/2021 Analyzed: 09/07/2021

Iron - Dissolved 1.04 0.250 mg/L 1.00 ND 104 75-125

Post Spike (BI10183-PS1)

*Source sample: 21H1447-05 (FB01-210827)

Prepared: 09/03/2021 Analyzed: 09/07/2021

Iron - Dissolved 1.03 ug/mL 1.00 0.0122 102 75-125



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
Batch BI10078 - EPA 300											
Blank (BI10078-BLK1)											
								Prepared & Analyzed: 08/31/2021			
Sulfate	ND	1.00	mg/L								
LCS (BI10078-BS1)											
								Prepared & Analyzed: 08/31/2021			
Sulfate	10.8	1.00	mg/L	10.0		108	85-115				
Duplicate (BI10078-DUP1)											
*Source sample: 21H1499-01 (Duplicate)								Prepared & Analyzed: 08/31/2021			
Sulfate	256	1.00	mg/L		255				0.555	15	
Matrix Spike (BI10078-MS1)											
*Source sample: 21H1499-01 (Matrix Spike)								Prepared & Analyzed: 08/31/2021			
Sulfate	247	1.00	mg/L	10.0	255	NR	85-115	Low Bias			
Matrix Spike (BI10078-MS2)											
*Source sample: 21H1499-02 (Matrix Spike)								Prepared & Analyzed: 08/31/2021			
Sulfate	23.6	1.00	mg/L	10.0	14.3	92.9	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 BH11684 - Analysis Preparation

Blank (BH11684-BLK1)						Prepared: 08/30/2021 Analyzed: 09/02/2021					
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BH11684-BS1)						Prepared: 08/30/2021 Analyzed: 09/02/2021					
Total Organic Carbon (TOC)	83.8	2.00	mg/L	83.0		101	79.5-125.1				
Duplicate (BH11684-DUP1)						Prepared: 08/30/2021 Analyzed: 09/02/2021					
*Source sample: 21H1447-05 (FB01-210827)											
Total Organic Carbon (TOC)	ND	1.00	mg/L		ND					20	
Matrix Spike (BH11684-MS1)						Prepared: 08/30/2021 Analyzed: 09/02/2021					
*Source sample: 21H1447-05 (FB01-210827)											
Total Organic Carbon (TOC)	20.5	1.00	mg/L	20.0	ND	102	70-130				

Batch BI10078 - EPA 300

Blank (BI10078-BLK1)						Prepared: 08/31/2021 Analyzed: 09/07/2021					
Nitrate + Nitrite Nitrogen as N	ND	0.0500	mg/L								
LCS (BI10078-BS1)						Prepared: 08/31/2021 Analyzed: 09/07/2021					
Nitrate + Nitrite Nitrogen as N	19.8	0.0500	mg/L				90-110				
Duplicate (BI10078-DUP1)						Prepared: 08/31/2021 Analyzed: 09/07/2021					
*Source sample: 21H1499-01 (Duplicate)											
Nitrate + Nitrite Nitrogen as N	ND	0.0500	mg/L		ND					15	
Matrix Spike (BI10078-MS1)						Prepared: 08/31/2021 Analyzed: 09/07/2021					
*Source sample: 21H1499-01 (Matrix Spike)											
Nitrate + Nitrite Nitrogen as N	11.6	0.0500	mg/L		ND		90-110				
Matrix Spike (BI10078-MS2)						Prepared: 08/31/2021 Analyzed: 09/07/2021					
*Source sample: 21H1499-02 (Matrix Spike)											
Nitrate + Nitrite Nitrogen as N	19.5	0.0500	mg/L		ND		90-110				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21H1447-01	FRW3-210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1447-01	FRW3-210826	40mL 01 _Clear Vial Cool to 4° C
21H1447-02	DUP01-210826	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1447-03	MW58A-210827	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1447-04	MW58B-210827	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1447-05	FB01-210827	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21H1447-06	TB01-210827	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

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 correct dissolved gases results.

APPENDIX C

DATA VALIDATION REPORT

MEMORANDUM

To: File

From: Mitchell Levenhagen

Subject: Data Validation, Sample Delivery Groups (SDG) 21H1204, 21H1344, and 21H1447, August 2021 Groundwater Samples Obtained from the Former Rowe Industries Superfund Site

Introduction

A total of twenty-three groundwater samples (including one duplicate sample and one field blank sample) were collected on August 23 through August 27, 2021, 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. Seven of the locations within the Former Drum Storage Area (FDSA) were additionally analyzed for 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 (five samples only) 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.

September 23, 2021

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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 these sample delivery groups are as follows:

- 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.

A total of one parameter was detected in the batch blank samples. Carbon dioxide was detected in blank sample BH11653-BLK1 in SDG 21H1344.

For quality assurance/quality control purposes, three trip blanks (TB01-210824, TB01-210826, and TB01-210827) were analyzed for VOCs and one duplicate (DUP01-210826) and one field blank (FB01-210827) sample were analyzed for VOCs, methane, ethane and ethene, dissolved iron, nitrate/nitrite, sulfate, and total organic carbon. The field blank sample was collected by running distilled water through a decontaminated sampling pump utilizing disposable tubing. No

analytes were detected in the trip blank samples. The field blank sample (FB01-210827) contained methylene chloride at a concentration of 3.0 µg/L with data qualifier 'SCAL-E' (see below for definition).

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 (DUP01-210826) and its co-located sample (FRW3-210826) met the applicable RPD objectives.

Data qualifiers used for the sample delivery group quality control data 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).
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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.
SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

The CCV-E qualifier refers to the continuing calibration verification run in conjunction with the VOA batches. For certain analytes, the value reported is estimated due to its behavior during continuing calibration verification.

LCS duplicate sample BH11573-BSD1 included in SDG 21H1204 had one analyte (bromomethane) flagged with the "Non-dir." qualifier and LCS duplicate sample BH11653-BSD1 included in SDG 21H1344 had acetone flagged with the "Non-dir." qualifier.

Several parameters were flagged as having either a low or high bias one or more LCS sample and/or LCS duplicate samples. Acetone, dichlorodifluoromethane, and trichlorofluoromethane were flagged as having a high bias and 1,2,4,5-tetramethylbenze, 1,2,4-trimethylbenzene, 1,3-dichlorobenzene, bromobenzene, bromomethane, n-butylbenzene, p-diethylbenzene, p-ethyltoluene, and tetrachloroethylene (PCE) were flagged as having a low bias in one or more of the following samples: LCS sample BH11573-BS1, LCS sample BI10115-BS1, LCS sample BH11607-BS1, LCS sample BH11653-BS1, LCS sample BI10115-BS1, LCS

duplicate sample BH11573-BSD1, LCS duplicate sample BI10115-BSD1, LCS duplicate sample BH11607-BSD1, LCS sample BH11653-BSD1, and LCS duplicate sample BI10115-BS1. These low and high bias flags correspond with the 'QL-02' data qualifier.

1,1,1-Trichloroethane, 1,1-dichloroethane, 1,1-dichloropropylene, 1,2-dichloroethane, bromochloromethane, carbon disulfide, carbon tetrachloride, chlorobenzene, chloroethane, chloroform, cis-1,2-dichloroethylene (cDCE), dichlorodifluoromethane, methyl tert-butyl ether (MTBE), trans-1,2-dichloroethylene (tDCE), and trichlorofluoromethane were flagged as having a high bias and bromoethane and PCE were flagged as having a low bias in one or more of the following samples: matrix spike sample BH11573-MS1 and matrix spike duplicate sample BH11573-MSD1 included in SDG 21H1204. Sulfate was flagged as having a low bias in matrix spike sample BI10078-MS1 from SDG 21H1447. Nitrate as N was flagged as having a low bias in matrix spike samples BH11604-MS1 and BH11604-MS2. These low and high bias flags correspond with the 'QM-05' or 'QM-07' data qualifier.

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.

APPENDIX D

MOLAR FRACTION CHARTS

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

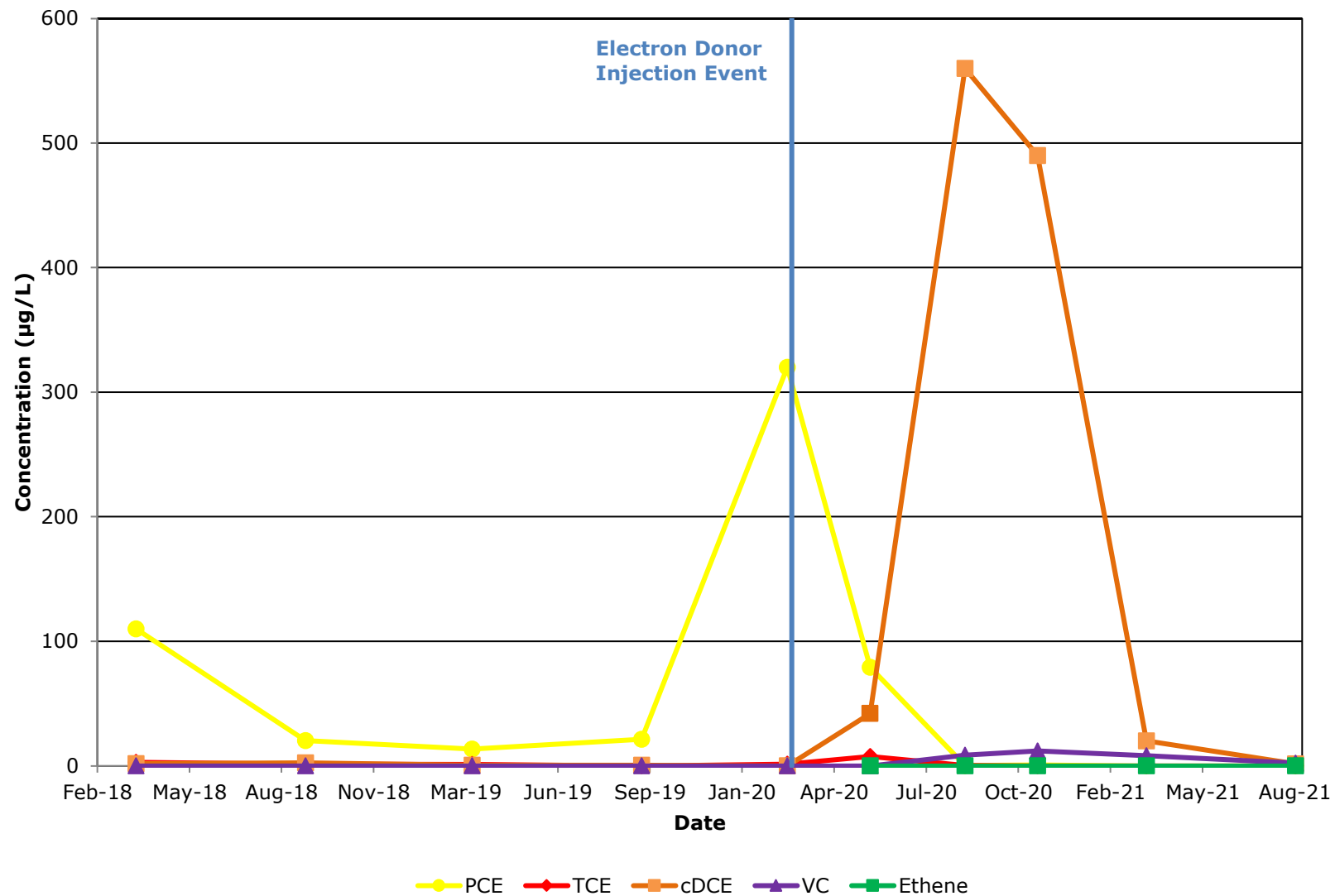


**Figure D-2: Molar Concentrations of VOCs at Well FRW-1
Rowe Industries Site - Sag Harbor, New York**

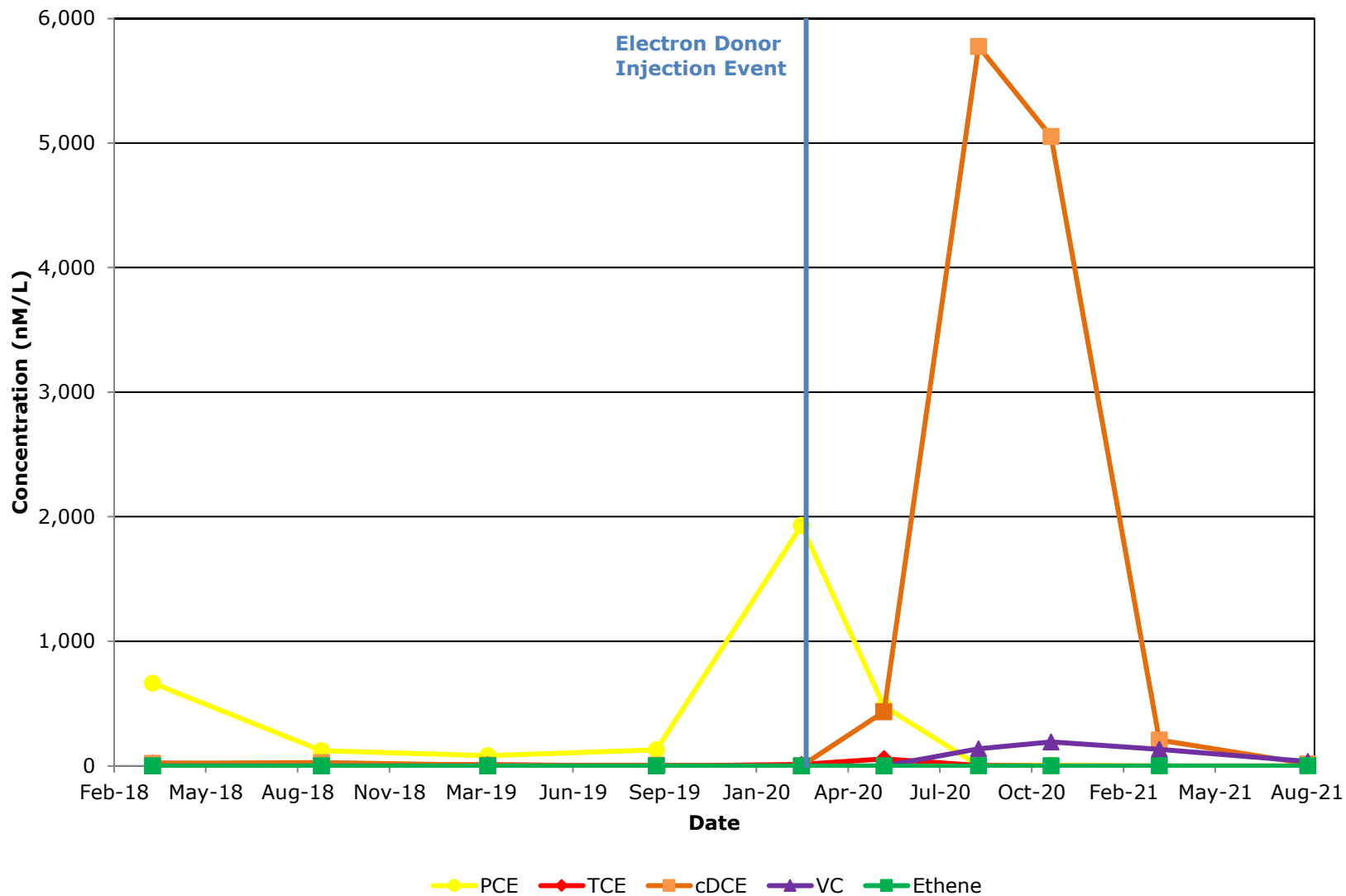


**Figure D-3: Molar Fraction of VOCs at Well FRW-1
Rowe Industries Site - Sag Harbor, New York**

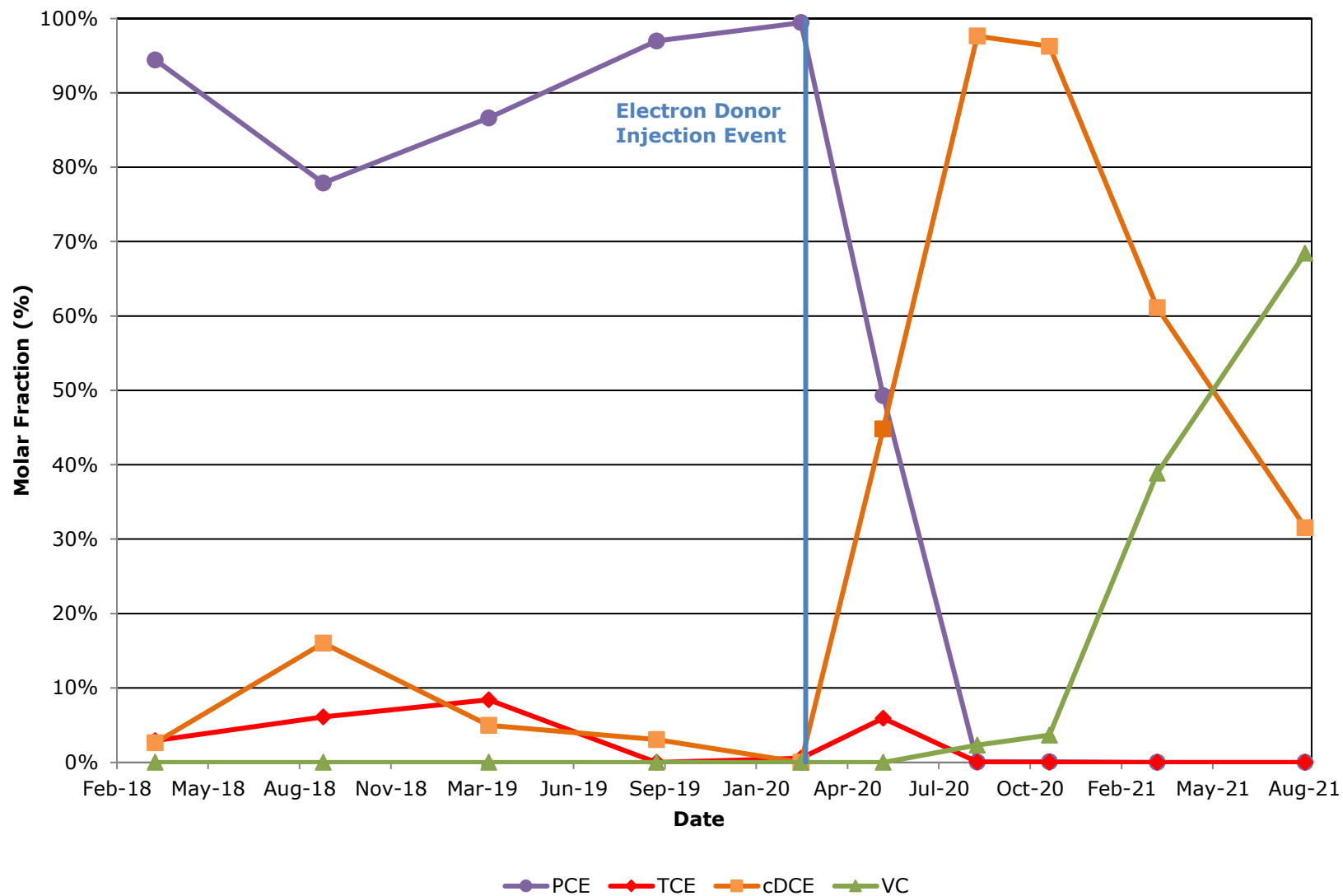


**Figure D-4: Concentrations of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York**

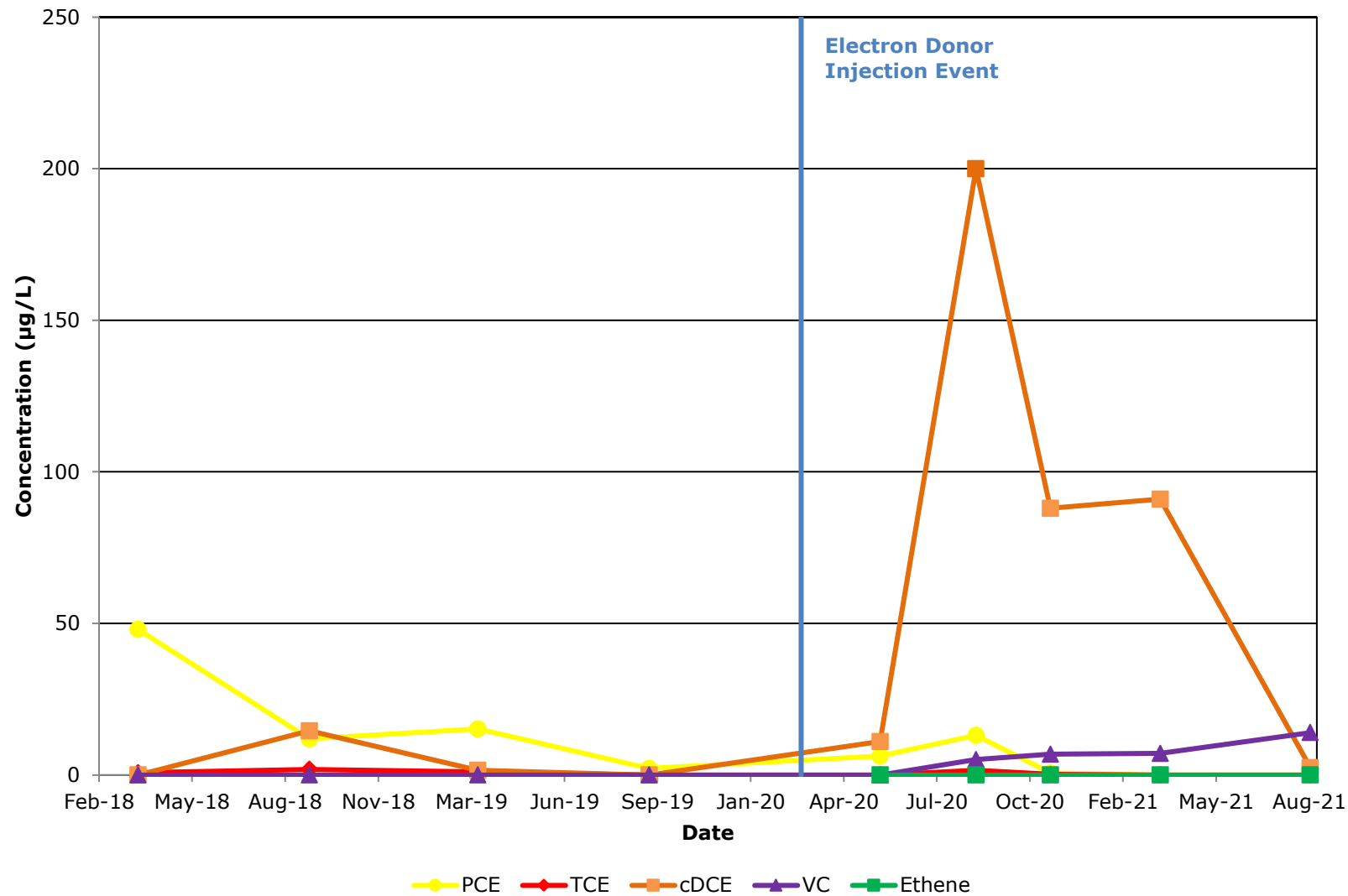


**Figure D-5: Molar Concentrations of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York**

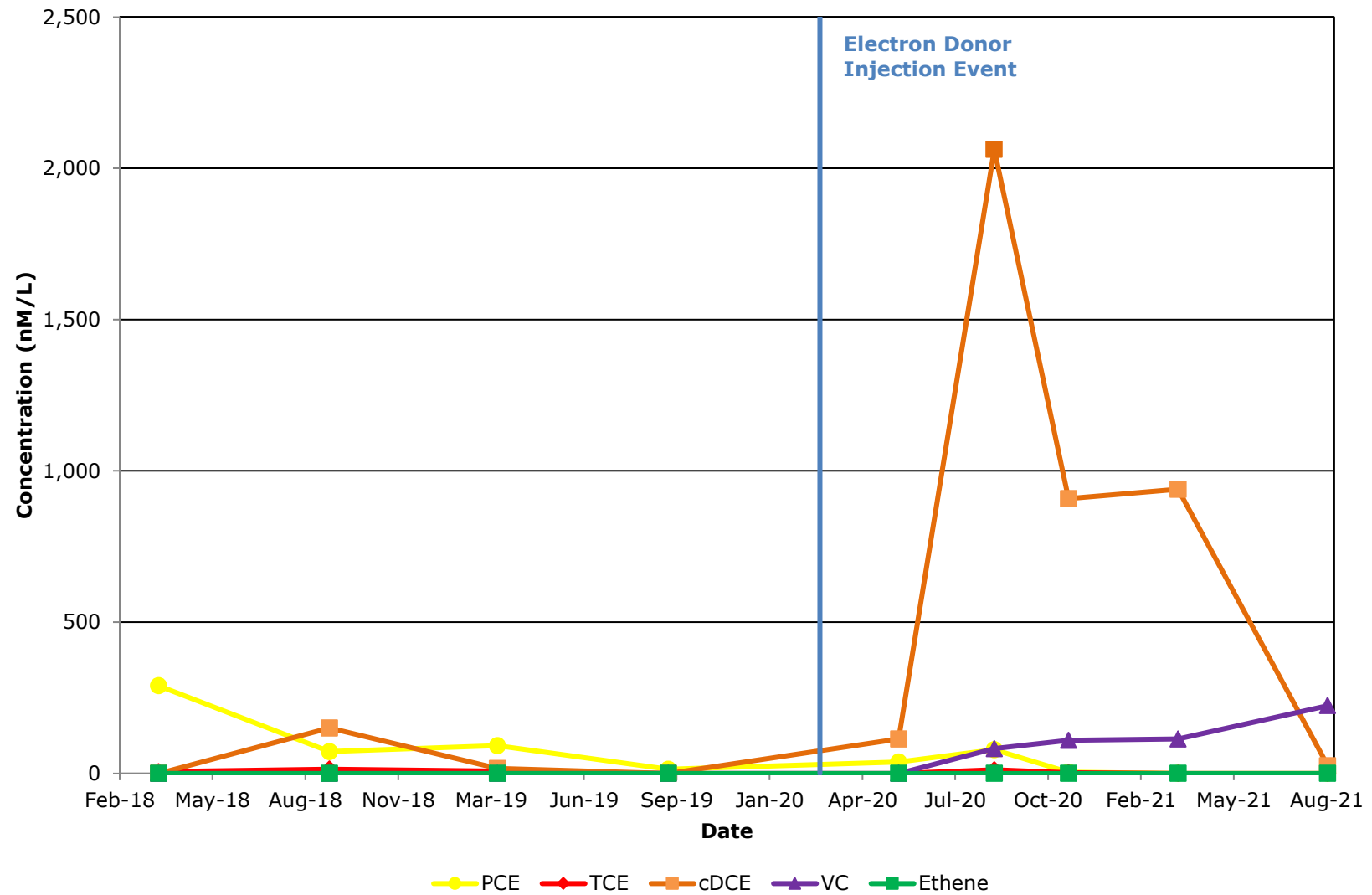


**Figure D-6: Molar Fraction of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York**

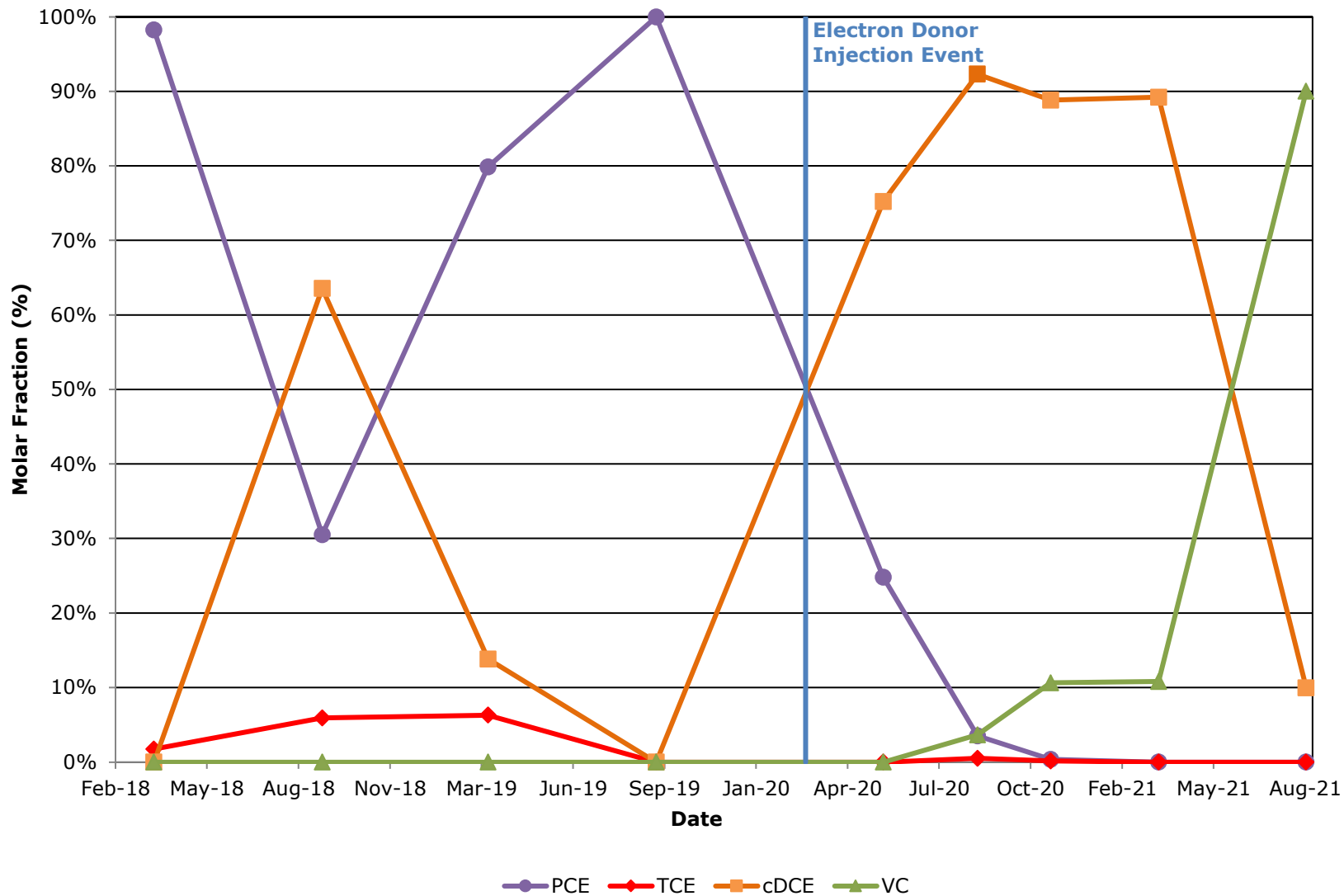


**Figure D-7: Concentrations of VOCs at Well FRW-3
Rowe Industries Site - Sag Harbor, New York**

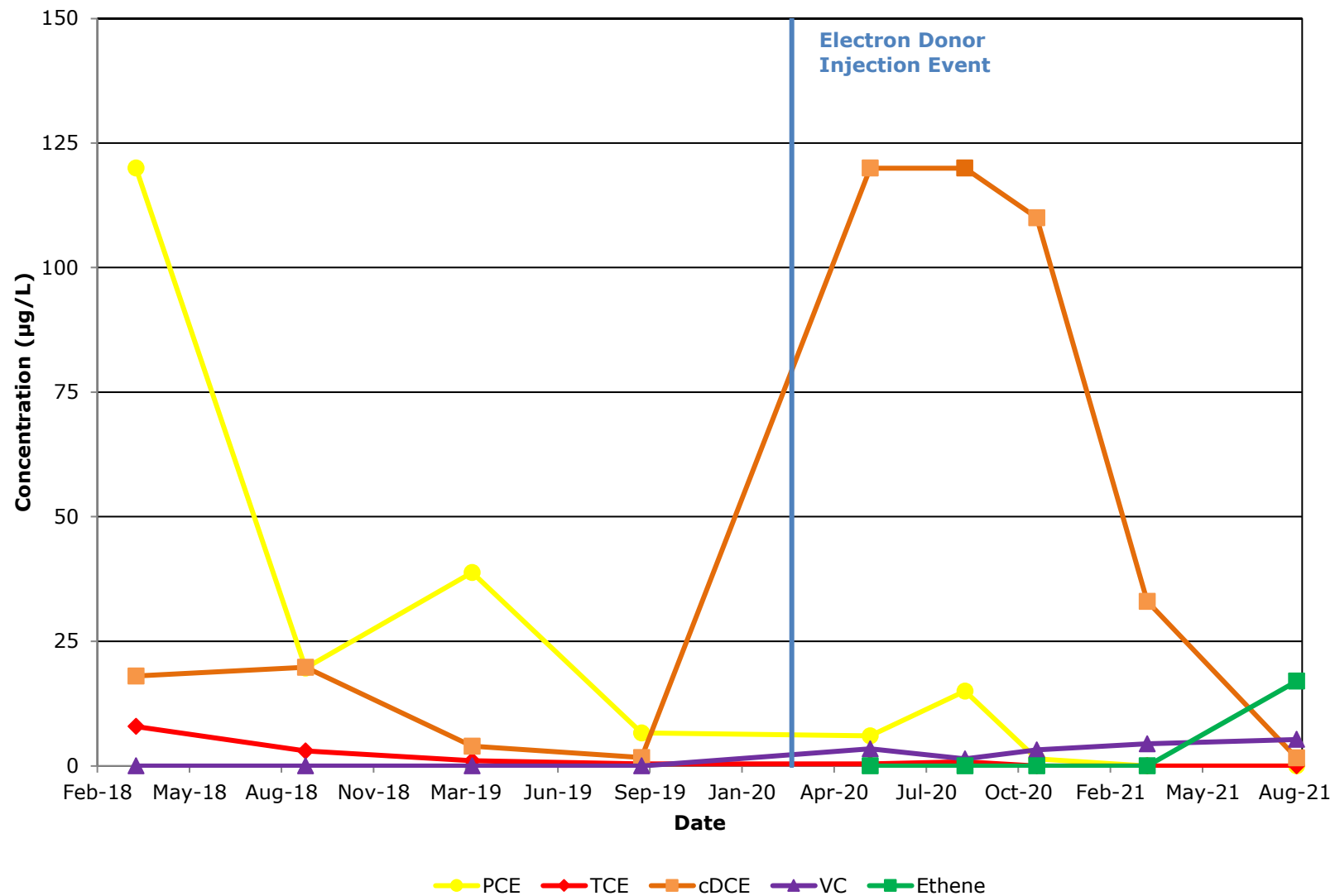


**Figure D-8: Molar Concentrations of VOCs at Well FRW-3
Rowe Industries Site - Sag Harbor, New York**

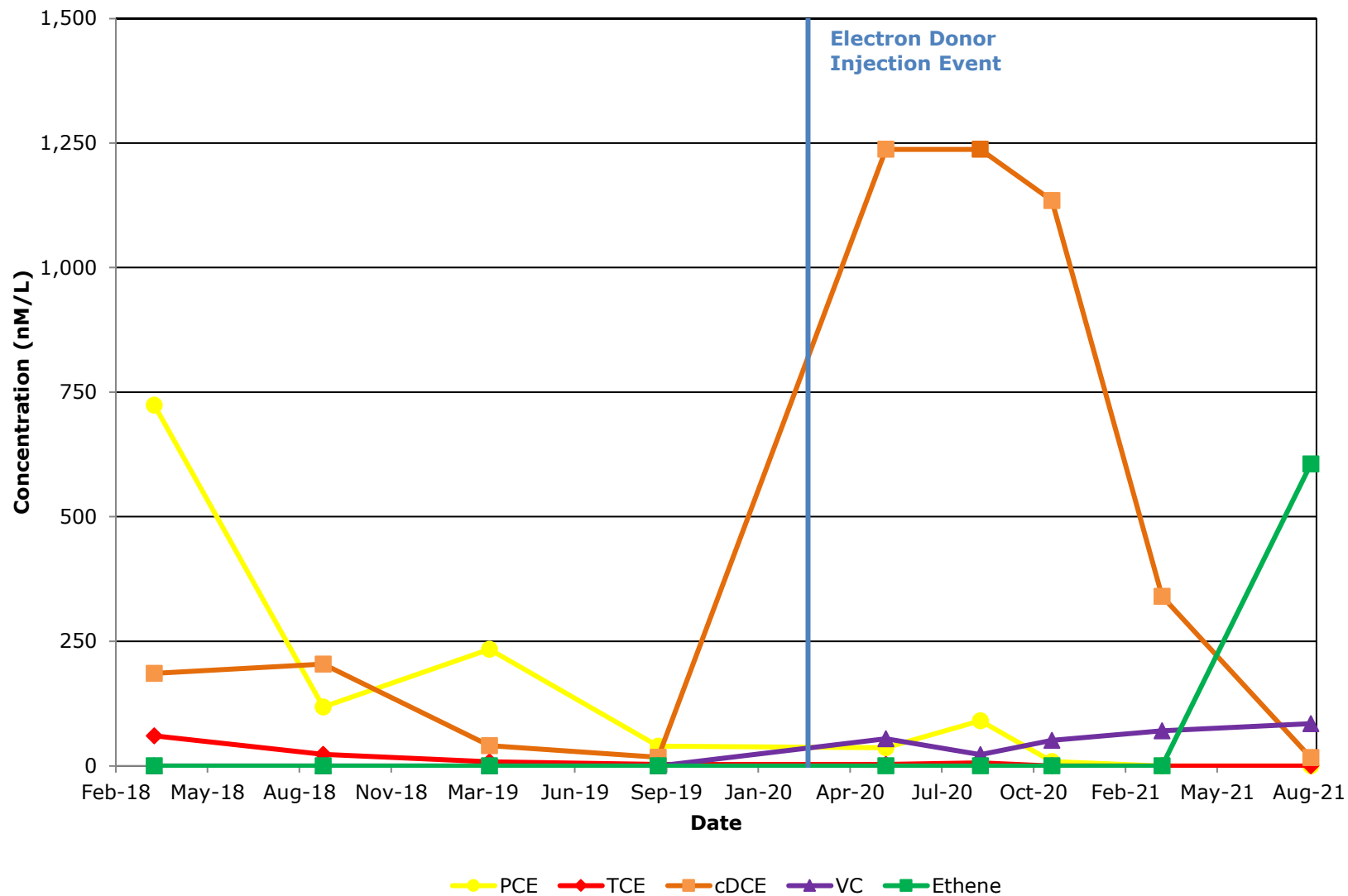


**Figure D-9: Molar Fraction of VOCs at Well FRW-3
Rowe Industries Site - Sag Harbor, New York**

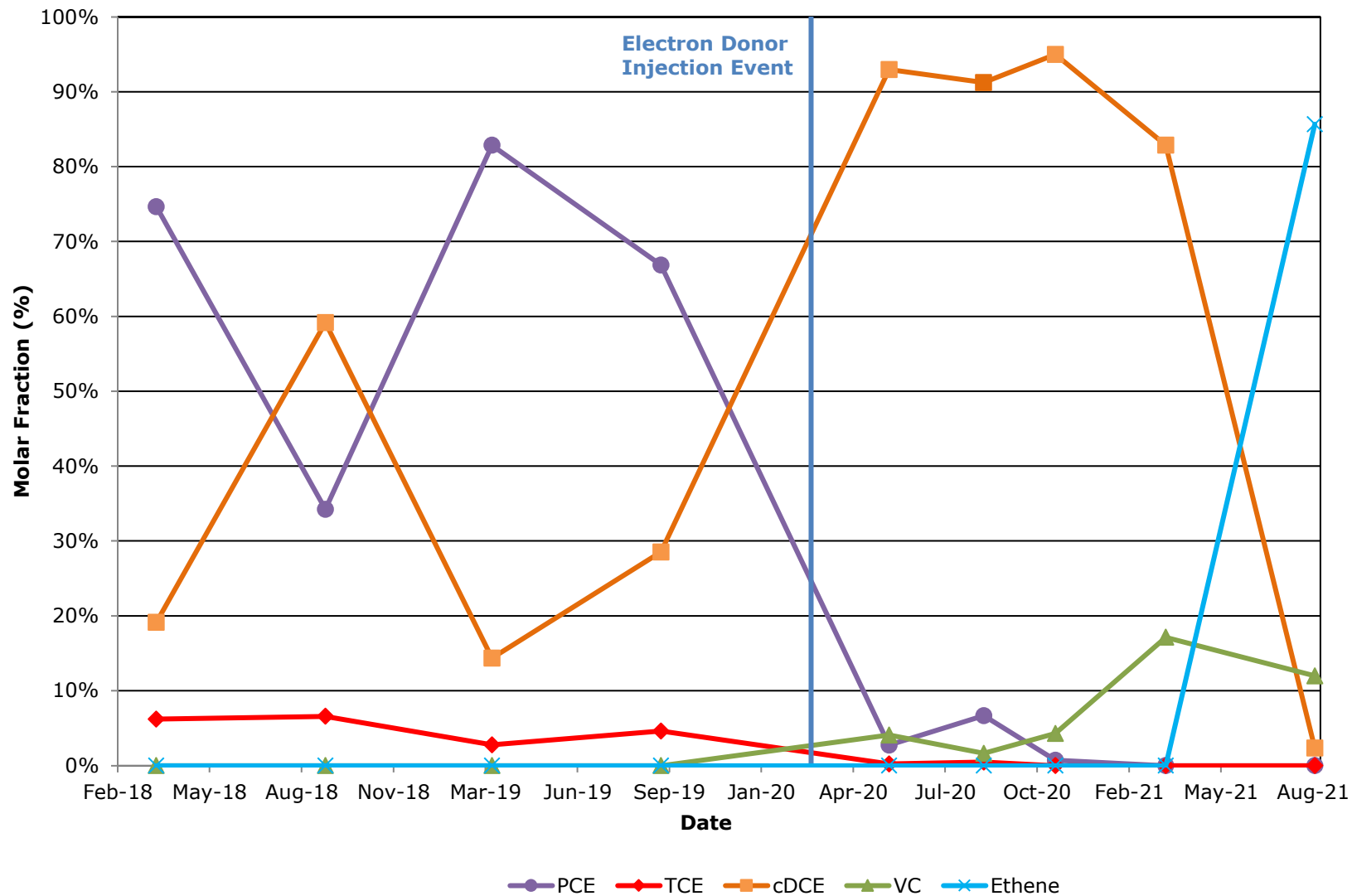


**Figure D-10: Concentrations of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York**

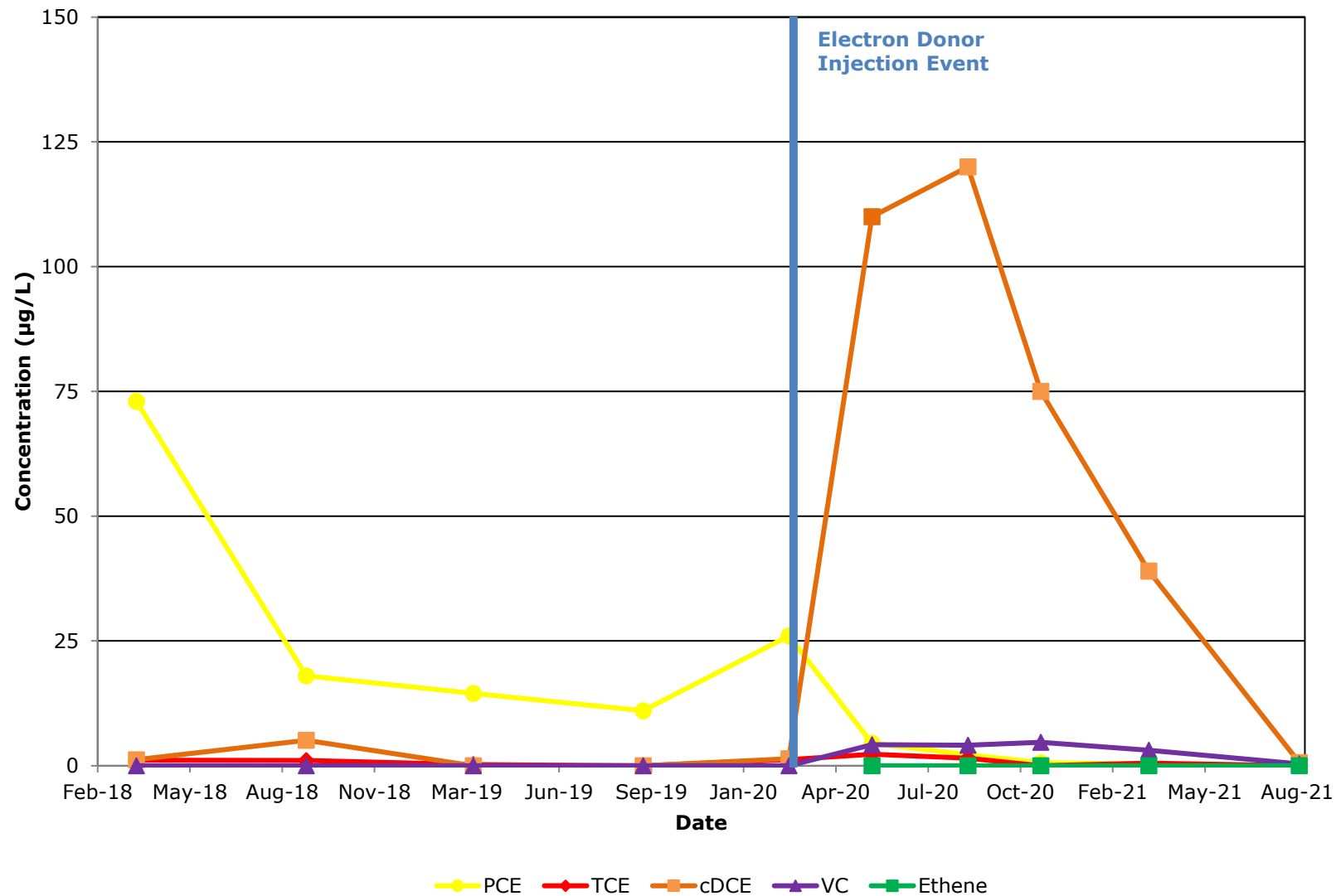


**Figure D-11: Molar Concentrations of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York**

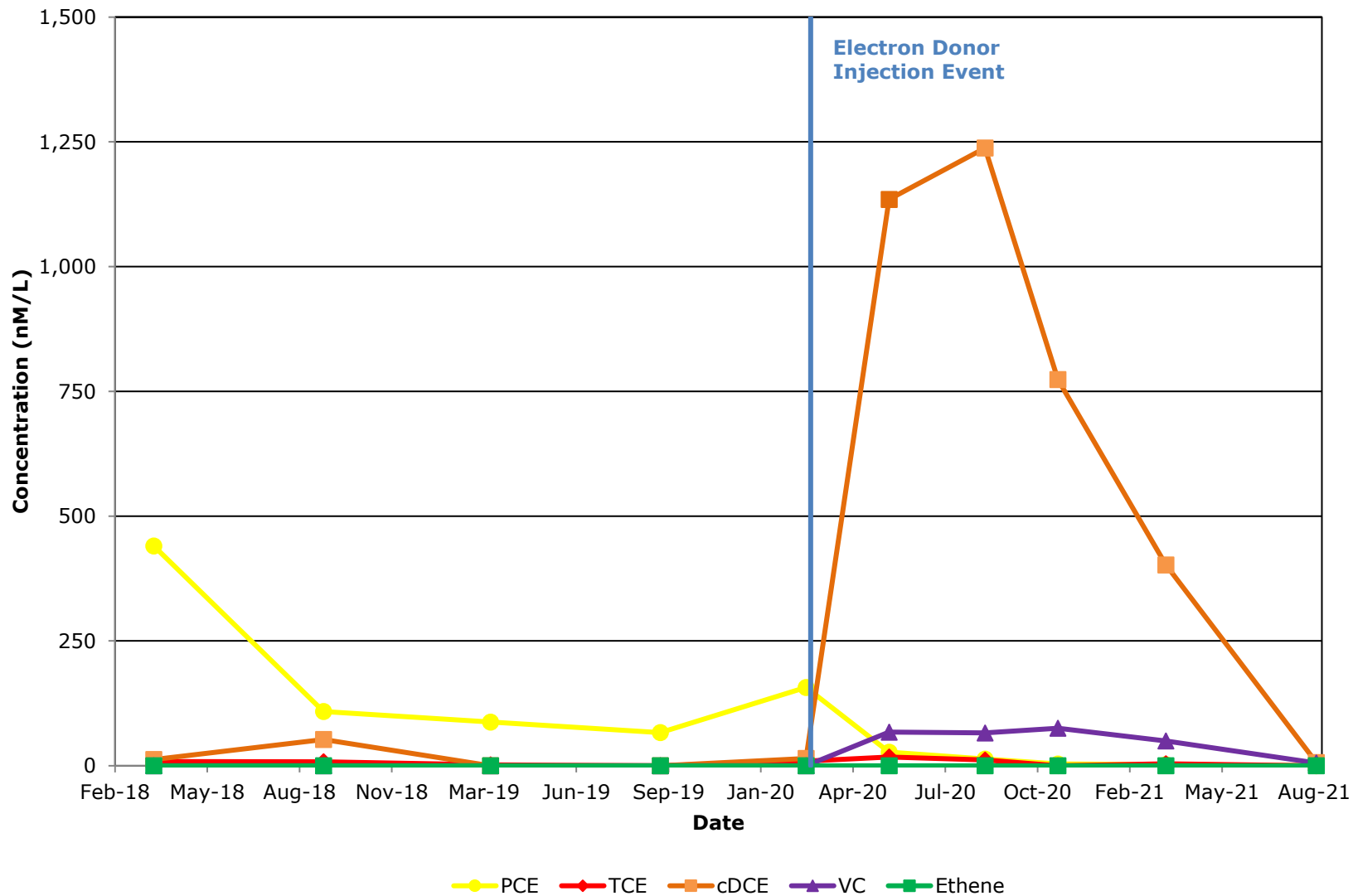


**Figure D-12: Molar Fraction of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York**

