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POST-REMEDIAL ACTION GROUNDWATER MONITORING REPORT NO. 6

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

RAMBOLL

ENVIRONMENT
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CONTENTS

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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
Dhc	*Dehalococcoides*
DO	dissolved oxygen
FP&T	focused pump and treat
FDSA	former drum storage area
FSP&T	full-scale pump and treat
ISB	*in-situ* bioremediation
ISCR	*in-situ* 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 document March 2022 groundwater monitoring performance results associated with the February 2020 remedial action designed to remediate 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 sixth groundwater monitoring event results since completion of baseline groundwater monitoring 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. The planned groundwater monitoring frequency decreased from quarterly to semi-annual after March 2021, such that the subsequent groundwater monitoring event occurred in August 2021. The groundwater remedial action and groundwater monitoring events identified above have been 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 February 2020 groundwater remedial action was documented in the *Electron Donor Injection Documentation Report* (Ramboll, May 2020).

2. BACKGROUND

2.1 Site History

The Site was historically used to manufacture various electrical components such as copper coils for toy slot cars. Degreasers used in the manufacturing process were disposed of in several drywells and were also stored in drums in the FDSA of the Site that eventually leaked to the ground surface. The COCs were detected in nearby potable water-supply wells during the mid-1980s, and a Suffolk County Department of Health investigation identified the source of the COCs as the property occupied by Sag Harbor Industries (SHI).

A subsequent remedial investigation identified the COCs as chlorinated volatile organic compounds (CVOCs) including 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 greater than 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 at the FDSA in 1998. To remediate remaining CVOCs in deeper 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 concluded 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 remediation efforts within the FDSA have therefore focused 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 micro-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 after having been suspended during the 2004 EHC® injection invent.

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.

Since 2000, the results of ongoing groundwater monitoring have confirmed that COCs in groundwater have not migrated beyond the FDSA. However, due to continued CVOC concentrations in the FDSA groundwater, the February 2020 *in-situ* groundwater remedial action was implemented to further treat the impacted groundwater within the FDSA. Operation of FP&T wells FRW-1 through FRW-4 have been suspended since just prior to the February 2020 FDSA groundwater remedial action.

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 was intended to 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* remediation 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 includes 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 micro-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 MW-28A/B, MW98-04 and MW-45A were

sampled for VOCs. During August and/or September annual monitoring events, wells 44A/B/C, 58A/B, 59A/B, 98-04B, 45B, and N-32 and 32B are 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 is being followed by 2 years of semi-annual monitoring (including the most recent March 2022 monitoring) event plus future sampling events in August/September 2022 and February 2023), which in turn will be followed by annual groundwater monitoring thereafter. Monitoring wells MW-28A/B, 44A/B/C, 58A/B, 59A/B, 98-04B, 45B, and N-32 and 32B will continue to be sampled in accordance with their regular annual monitoring schedule. The frequency of groundwater monitoring and scope of laboratory analyses may be modified during the course of the groundwater monitoring program in response to monitoring results and field observations.

The focused recovery wells have been turned off since February 2020 to prevent removal of the injected reagents. 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 March 14 through March 16, 2022: FRW-1, FRW-2, FRW-3, FRW-4, MW-45A, MW-98-01A, MW-98-04, MW-98-05AR, and MW-28A/B. 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 all or a subset of the following parameters: VOCs, and the ISCR/ISB 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 March 2022 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 March 2022 ranged from 18.00 feet at monitoring well MW-28B to 22.66 feet at well FRW-1. As shown on Figure 7, the March 2022 water table elevations ranged from 7.60 to 8.34 feet above mean sea level (AMSL), which are similar to those recorded as part of previous groundwater monitoring events. Based on the measured water table elevations, the inferred direction of shallow groundwater flow within the FDSA varies from northeasterly to northerly, at an estimated horizontal hydraulic gradient of approximately 0.011.

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 March 2022 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 (µS/cm) in February 2020 to a range of 279 µS/cm (at MW-98-01A) to 775 µS/cm (at FRW-3) in March 2022, which may be indicative of subsurface distribution of the sodium lactate containing carbon substrate within the treatment zone.
- Pre-injection ambient groundwater was under mildly anaerobic to aerobic conditions as the February 2020 baseline DO concentrations 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. March 2022 DO readings within the treatment zone ranged from 0.0 mg/L (four of six treatment zone wells) to 0.72 mg/L (FRW-4), 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 ambient groundwater was under mildly oxidizing conditions. March 2022 ORP readings within the treatment zone monitoring wells ranged from -131 mV (at monitoring well FRW-1) to -87 mV (at monitoring well MW-98-05AR), which indicates that reducing conditions persist within the treatment zone in response to the February 2020 injection of electron donor.
- The February 2020 baseline pH in the treatment zone monitoring wells ranged from 5.20 (at FRW-1) to 6.14 at (MW-98-05AR). The March 2022 pH values were higher as they ranged from 6.56 (at FRW-2) to 12.02 (at FRW-4) in treatment zone monitoring wells. The March 2022 pH values in monitoring wells FRW-1, FRW-4, MW-98-01A, and MW-98-05AR were all greater than 10. These four high pH values are anomalous when compared with historical values; however, the remaining March 2022 pH data are not indicative of changed aquifer pH conditions. The results of future groundwater monitoring will be used to further evaluate pH conditions at monitoring wells monitoring wells FRW-1, FRW-4, MW-98-01A, and MW-98-05AR. The injected ABC® carbon substrate contains a phosphate pH buffer, and hydroxyl ions produced from corrosion of ZVI also serve to increase groundwater pH to levels 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 groundwater monitoring events with New York State Ambient Groundwater standards is provided in Table 3. PCE concentrations in March 2022 groundwater samples are depicted on Figure 8, TCE concentrations in March 2022 groundwater samples are depicted on Figure 9, cDCE concentrations in March 2022 groundwater samples are depicted on Figure 10, and VC concentrations in March 2022 groundwater samples are depicted on Figure 11. The analytical results are reported in units of micrograms per liter (µg/L), which is equivalent to parts per billion (ppb), or mg/L, which is equivalent to parts per million (ppm).

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 ambient 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, March 2022 TOC concentrations ranged from 10.8 mg/L (in the groundwater sample from monitoring well MW-98-01A) to 147 mg/L (in the field duplicate groundwater sample from monitoring well FRW-2).

The arithmetic mean TOC concentration in the treatment zone monitoring wells increased from a baseline value of 2.33 mg/L in February 2020 to a post-injection maximum of 5,200 mg/L in November 2020 followed by a decline in response to carbon substrate depletion since that date. Over the past year, the arithmetic mean TOC concentration in the treatment zone monitoring wells has declined from 262 mg/L in March 2021, to 120 mg/L in August 2021, and to 74 mg/L in March 2022. The TOC concentrations generally remain favorable for continued anaerobic bioremediation within the treatment zone based on the March 2022 data, 25 months after completion of the February 2020 carbon substrate and ZVI injection. This conclusion is further supported by the March 2022 geochemical data as discussed in the following sections.

5.3.2 Nitrate

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

February 2020 nitrate concentrations in the treatment zone monitoring wells ranged from 0.166 to 1.17 mg/L, indicating that addition of carbon substrate would be beneficial to sustain an anaerobic bioremediation treatment zone. In contrast, none of the March 2022 groundwater samples from the treatment zone monitoring wells revealed detectable nitrate concentrations. Nitrate reducing conditions continue to be present based on the March 2022 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. Substantially higher post-injection March 2022 ferrous iron concentrations ranged from 27.8 mg/L (at well MW-98-01A) to 221 mg/L (at well FRW-2). 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 March 2022 groundwater samples revealed even lower sulfate concentrations (all non-detect values in treatment zone monitoring wells except for a detected concentration of 8.12 mg/L at monitoring well MW-98-01A). These results indicate that favorable sulfate reducing conditions continue to be maintained within the groundwater 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 March 2022 methane concentrations ranged from 6.6 mg/L (at well FRW-3) to 17 mg/L (at well FRW-2) in the treatment zone. March 2022 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. The March 2022 groundwater samples did not contain detectable concentrations of ethene or ethane. Ethene and 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 PCE, TCE cDCE and VC concentrations detected in the March 2022 groundwater samples are illustrated on Figures 8 through 11.

As shown on Figure 8, none of the March 2022 groundwater samples obtained from within the FDSA contained detectable concentrations of PCE. The only March 2022 groundwater sample that contained a detectable PCE concentration was from monitoring well MW98-04, which is located outside of the groundwater treatment zone. The detected PCE concentration in this groundwater sample (4.8 µg/L) did not exceed the New York State Ambient Groundwater Standard of 5 µg/L.

As shown on Figure 9, none of the March 2022 groundwater samples contained TCE concentrations greater than the New York State Ambient Groundwater Standard of 5 µg/L. The maximum TCE concentration detected in the March 2022 groundwater samples was 0.62 µg/L in the sample from monitoring well MW98-04.

As shown on Figure 10, none of the March 2022 groundwater samples contained degradation product cDCE concentrations above the New York State Ambient Groundwater Standard of 5 µg/L. The maximum cDCE concentration detected in the March 2022 groundwater samples was 1.8 µg/L in the sample from monitoring well MW98-04.

As shown on Figure 11, the only March 2022 groundwater sample that contained degradation product VC above the New York State Ambient Groundwater Standard of 2 µg/L was 2.9 µg/L in the sample from monitoring well MW98-04, which is located outside of the treatment zone. Previous VC concentrations in groundwater samples obtained from monitoring well MW98-04 have ranged as high as 7.9 µg/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 (Koc) for sequential degradation products. Enhanced desorption of PCE was indicated based on 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 nanomoles per liter (nM/L) to 2,709 nM/L in August/September 2020. Based on the March 2022 groundwater monitoring data (25 months after the February 2020 injection event), average total ethenes decreased to 9.6 nM/L, which is greater than 99.6 percent below the maximum value detected 18 months earlier in August/September 2020. These findings demonstrate substantial destruction of chlorinated ethene mass between August 2020 and March 2022.

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 March 2022, the PCE concentration declined from 320 µg/L to <0.2 µg/L, and the TCE concentration decreased from 1.4 µg/L to <0.2 µg/L (after a slight and temporary increase to 7.5 µg/L during the May 2020 sampling event, likely in response to enhanced reductive dechlorination). The cDCE concentration had increased from <0.2 µg/L to 560 µg/L in August 2020 (likely in response to enhanced reductive dechlorination), followed by a decrease to <0.2 µg/L in March 2022. The VC concentration increased from <0.2 µg/L to 8.2 µg/L in March 2021, also likely in response to enhanced reductive dechlorination, followed by a decrease to 2 µg/L in March 2022.

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 March 2022, from about 1,930 nM/L to 0.0 nM/L. This decrease in PCE concentration has been coupled with a temporary increase in daughter product cDCE, from non-detect to almost 5,780 nM/L by August/ September 2020, followed by a reduction to 0.0 nM/L by March 2022. The concentration of further daughter product vinyl chloride has increased from 0.0 nM/L in February 2020 to 192 nM/L in November 2020, followed by a decline to 32 nM/L in March 2022.

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 March 2022 groundwater monitoring results, the detected molar fractions at well FRW-1 were as follows: 0% PCE, 0% TCE, 0% cDCE, and 100% VC. Without sequential dechlorination, the ratios of the targeted compounds would all remain relatively constant, even if all of the concentrations would decline (due to dilution, for example).

5.3.6.2 Well FRW-2

As shown on Figure D-4, between September 2019 and March 2022, 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 1.1 µg/L in March 2022. The VC concentration increased from non-detect to 14 µg/L in August 2021 followed by a decrease to 1.4 µg/L in March 2022.

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 March 2022, from 13.1 nM/L to 0.0 nM/L. This decrease in PCE concentration has been coupled with a temporary increase in degradation product cDCE, from non-detect to 2,060 nM/L by August/September 2020, followed by a reduction to 11.3 nM/L by March 2022. The concentration of further degradation product VC had increased from 0.0 nM/L in September 2019 to 224 nM/L in August 2021, followed by a decrease to 22.4 nM/L in March 2022.

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 March 2022 groundwater monitoring results, the detected molar fractions at well FRW-2 were as follows: 0% PCE,

0% TCE, 34% cDCE, and 66% 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. As such, 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 and March 2022 sampling event results.

5.3.6.3 Well FRW-3

As shown on Figure D-7, between September 2019 and March 2022, 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 based on the August/September 2020 sampling event results). 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 0.82 µg/L in the March 2022 groundwater sample. The VC concentration increased from non-detect to 5.3 µg/L in the August 2021 groundwater sample, followed by a decrease to 1.6 µg/L in the March 2022 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. Ethene was not detected the March 2022 groundwater sample.

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 March 2022, from 39.6 nM/L to 0.0 nM/L. 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 8.5 nM/L by March 2022. The concentration of further daughter product vinyl chloride has increased from 0.0 nM/L in September 2019 to 84.8 nM/L in August 2021, followed by a decrease to 25.6 nM/L in March 2022. 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. Ethene was not detected in the March 2022 groundwater sample.

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 March 2022 groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 0% PCE, 0% TCE, 25% cDCE and 75% VC. 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 from August/September 2020 through March 2021, followed by VC or ethene since March 2021.

5.3.6.4 Well MW-98-05AR

As shown on Figure D-10, between February 2020 and March 2022, the PCE concentration decreased from 26J µg/L to non-detect, and the TCE concentration remained below 3 µg/L. The cDCE concentration had increased from 1.4 µg/L to 120 µg/L in the August/September 2020 groundwater sample, followed by a reduction to 1.2 µg/L in the March 2022 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 non-detect in the March 2022 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 March 2022, 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 12.4 nM/L by March

2022. The concentration of further degradation product VC increased from 0.0 nM/L in February 2020 to 75.2 nM/L in November 2020, followed by a decline to 0.0 nM/L in March 2022.

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 March 2022 groundwater monitoring results, the detected molar fractions at well FRW-3 were as follows: 0% PCE, 11% TCE, 89% cDCE, and 0% VC. In response to the February 2020 injection of electron donor, the PCE molar fraction declined while the cDCE and VC molar fractions increased resulting in cDCE representing the predominant CVOC at well MW-98-05AR since the May 2020 groundwater sampling event.

5.3.6.5 Well FRW-4

PCE, TCE, and VC were not detected in the March 2022 groundwater sample. The March 2022 cDCE concentration was 0.37J µg/L, which is less than the New York State Ambient Groundwater Standard of 5 µg/L. As such, no analytes were detected above their respective New York State Ambient Groundwater Standards in the March 2022 groundwater sample.

5.3.6.6 Other Wells

The March 2022 groundwater sample from monitoring well MW-98-04 contained VC at a concentration of 2.9 µg/L, which is slightly above the New York State Ambient Groundwater Standard of 2.9 µg/L for VC. None of the remaining March 2022 groundwater samples from monitoring wells outside of the treatment area (MW-28A/28B and MW-45A) contained any VOC concentrations greater than New York State Ambient Groundwater Standards.

5.3.7 Ketones

Acetone, 2-butanone, and 2-hexanone were not detected above their respective New York State Ambient Groundwater Standards in any of the March 2022 groundwater samples.

5.3.8 Benzene

Benzene was detected slightly above its New York State Ambient Groundwater Standard of 1 µg/L in the March 2022 groundwater sample from monitoring well FRW-2 (1.2 µg/L). Benzene has previously been detected at similar concentrations in groundwater samples obtained from the FDSA.

6. CONCLUSIONS

This Report has been prepared to document March 2022 groundwater monitoring performance results of the February 2020 electron donor injection event that was designed to remediate 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 March 2022 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 March 2022, 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 based on the March 2022 groundwater monitoring results is 74 mg/L. The March 2022 TOC concentrations remain favorable for continued anaerobic bioremediation within the treatment zone.
4. Nitrate reducing conditions were rapidly created and have been sustained after the February 2020 injection of carbon substrate and ZVI, as nitrate was not detected in any of the March 2022 groundwater samples from the monitoring wells within the treatment zone.
5. Ferrous iron concentrations increased from pre-injection ambient values of less than 0.47 mg/L to a range from 27.8 mg/L to 221 mg/L in March 2022. 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 March 2022 groundwater samples revealed even lower sulfate concentrations (all non-detect with the exception of a concentration of 8.12 mg/L in the groundwater sample from monitoring well MW-98-01A). 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. March 2022 methane concentrations, 25 months after the February 2020 electron donor injection event, ranged from 6.6 mg/L to 17 mg/L. These findings indicate that fermentation continues to occur in a highly anaerobic environment that is favorable for anaerobic dechlorination of CVOCs to occur.
8. Between February 2020 and March 2022, 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, August 2021, and March 2022 samples. This encouraging observation is consistent with depletion of precursor PCE and TCE mass.
9. None of the pre-injection ambient groundwater samples had contained detectable VC or ethene. The detected presence of VC and ethene in post-injection groundwater samples from monitoring wells within the treatment zone 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 March 2022 groundwater samples within the treatment zone contained PCE, TCE, cDCE or VC concentrations greater than their respective New York State Ambient Groundwater Standards.

7. REFERENCES CITED

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TABLES

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

Well ID	Elevation TIC[1]	PVC Well Casing Elevation[1]	Top of Well Screen Elevation	Bottom of Well Screen Elevation	Measurement Date	Depth to Water[2]	GW Elevation
FRW-1		31.00	11	1	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
					3/14/2022	22.66	8.34
FRW-2		25.55	NS	NS	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
					3/14/2022	21.25	4.30
FRW-3		29.36	NS	NS	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
					3/14/2022	21.05	8.31
FRW-4		28.73	NS	NS	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
					3/14/2022	20.45	8.28
MW-28A		25.90	NS	NS	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
					3/14/2022	18.07	7.83
MW-28B		25.99	NS	NS	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
					3/14/2022	18.00	7.99
MW-44A		29.44	13	-7	9/4/2020	23.03	6.41
					8/28/2021	22.31	7.13
MW-44B		29.54	-10	-20	9/4/2020	22.86	6.68
					8/28/2021	22.40	7.14
MW-44C		29.76	-32	-42	9/4/2020	22.87	6.89
					8/28/2021	22.58	7.18
MW-45A		27.44	14	-1	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
					3/14/2022	19.84	7.60
MW-45B		27.63	NS	NS	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	NS	NS	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	NS	NS	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	Elevation TIC[1]	PVC Well Casing Elevation[1]	Top of Well Screen Elevation	Bottom of Well Screen Elevation	Measurement Date	Depth to Water[2]	GW Elevation
MW-59A		33.88	17	7	9/4/2020	27.12	6.76
					8/28/2021	26.82	7.06
MW-59B		33.84	2	-8	9/4/2020	27.08	6.76
					8/28/2021	26.77	7.07
MW-98-01A		30.47	13	3	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
					3/14/2022	22.17	8.30
MW-98-04		28.00	12	2	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
					3/14/2022	19.79	8.21
MW-98-04B		27.94	NS	NS	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
					3/14/2022	19.69	8.25
MW-98-05AR		29.26	11	1	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
					8/28/2021	21.90	7.36
					3/14/2022	21.49	7.77
MW-98-05BR		29.76	NS	NS	5/19/2020	19.54	10.22
					9/4/2020	21.63	8.13
					3/15/2021	20.10	9.66
					8/28/2021	21.48	8.28
N-32		32.21	1	-1	9/4/2020	25.69	6.52
					8/28/2021	25.17	7.04
N-32B		32.26	NS	NS	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

Monitoring Well ID	Sample Date	pH	Dissolved oxygen	Oxidation Reduction Potential	Specific Conductivity	Temperature
	Units	S.U.	mg/L	mV	uS/cm	°C
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
	3/14/2022	11.07	0.67	-131	554	15.00
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
	3/16/2022	6.56	0.00	-109	592	12.58
FRW-3	5/20/2020	6.44	0.00	-132	1,360	13.08
	8/31/2020	6.11	0.00	-97	3,420	15.93
	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
	3/15/2022	6.83	0.00	-124	775	13.91
FRW-4	5/20/2020	6.39	0.00	-112	456	13.98
	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
	3/15/2022	12.02	0.72	-124	450	18.37
MW-28A	8/30/2020	6.36	0.00	-120	203	16.54
	8/26/2021	6.63	0.00	-114	301	18.31
	3/15/2022	6.75	0.00	-93	265	13.35
MW-28B	8/30/2020	6.17	0.00	-33	118	16.65
	8/26/2021	6.16	0.00	-10	207	17.96
	3/16/2022	6.25	0.00	-2	221	12.69
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

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

Monitoring Well ID	Sample Date	pH	Dissolved oxygen	Oxidation Reduction Potential	Specific Conductivity	Temperature
	Units	S.U.	mg/L	mV	uS/cm	°C
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
	3/14/2022	5.97	0.00	+48	232	13.09
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
	3/14/2022	10.26	0.00	-108	279	13.93
MW-98-04	2/19/2020	5.67	0.48	+130	157	10.44
	5/19/2020	6.28	0.00	+25	206	12.95
	8/30/2020	5.60	0.38	+100	240	16.81
	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
	3/15/2022	6.01	0.00	+36	303	12.81

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					
MW-98-04B	8/30/2020	6.04	0.00	+120	148	15.73
	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
	3/15/2022	11.35	0.00	-87	510	14.24
MW-98-05BR						
N-32	9/2/2020	6.53	0.00	+11	277	18.08
	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
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	FRW-1	FRW-1	FRW-1	FRW-1	FRW-1	FRW-1	FRW-1	FRW-1	FRW-2	FRW-2	FRW-2	FRW-2	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	FRW1-220314	FRW-2-200520	FRW2-200831	FRW2-201119	FRW2-210317	FRW2_210825	FRW2-220316	DUP01-220316
Lab Sample ID		20B0768-02; 20B0768-02RE1	20B0768-03; 20B0768-03RE1	20E0617-09; 20E0617-09RE1	20I0209-02; 20I0209-02RE1	20K0801-07; 20K0801-07RE1	21C0793-04	21H1344-04; CJ15281	22C0920-01	20E0617-07; 20E0617-07RE1	20H1216-10; 20H1216-10RE1	20K0890-02; 20K0890-02RE1	21C0853-02	21H1344-06; CJ15283	22C0920-11	22C0920-12
Sample Method		Peristaltic Pump	Peristaltic Pump	Grab	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Peristaltic Pump	Grab	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	3/14/2022	5/20/2020	8/31/2020	11/19/2020	3/17/2021	8/25/2021	3/16/2022	3/16/2022
Comments			Field Duplicate													Field Duplicate
WQ																
Organic Carbon (total)		2170 (1000)	2340 (1000)	687000 (10000)	1110000 (100000)	3250000 (500000)	39200 (10000)	67300 (5000)	11400 (1000)	1930000 (100000)	1850000 (100000)	5200000 (500000)	106000 (10000)	75700 (5000)	122000 (5000)	147000 (5000)
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	U (50)	---	---	---	---	---	U (50)	U (50)
Sulfate	250000	12100 (1000)	11800 (1000)	U (1000)	U (1000)	U (1000)	U (1000)	U (1000)	U (1000)	2300 (1000)	U (1000)	U (1000)	U (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)	37 (1)	**1200 (20)**	**2600 (50)**	U (1)	**300 (2)**	35 (5)	18 (1)	23 (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 (0.2)	U (1)	1 J (1)	0.85 (0.2)	U (0.4)	1 (1)	**1.2 (0.2)**	**1.3 (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)	U (0.2)	**680 J (1)**	**1700 J (10)**	**1000 (10)**	**230 (0.4)**	**280 (1)**	15 (0.2)	20 (0.2)
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)	2.5 (0.2)	U (1)	U (1)	U (0.2)	0.48 J (0.4)	U (1)	0.91 (0.2)	0.96 (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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	U (0.2)
1,1-Dichloroethane	5	U (0.2)	U (0.2)	U (0.2)	0.69 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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)	U (0.2)	**11 (1)**	**200 (1)**	**88 (10)**	**91 (0.4)**	2.4 J (1)	1.1 (0.2)	1.1 (0.2)
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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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)	0.27 J (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	0.37 J (0.2)	0.39 J (0.2)
4-Ethyltoluene		U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.23 J (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	0.26 J (0.2)	0.28 J (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)	U (0.2)	**150 (1)**	**300 (1)**	**270 (10)**	**75 (0.4)**	37 (1)	4.7 (0.2)	5.6 (0.2)
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)	U (0.2)	2.3 J (1)	U (1)	4.4 (0.2)	1.9 (0.4)	2.5 (1)	U (0.2)	U (0.2)
Methylene Chloride	5	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (5)	U (5)	U (1)	U (2)	U (5)	U (1)	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)	U (0.2)	**6.2 (1)**	**13 (1)**	0.63 (0.2)	U (0.4)	U (1)	U (0.2)	U (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)	1.2 (0.2)	1.6 J (1)	2.1 J (1)	2.1 (0.2)	3.2 (0.4)	2.4 J (1)	2.5 (0.2)	2.6 (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 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	U (0.2)	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 (0.2)	U (1)	1.5 J (1)	0.2 J (0.2)	U (0.4)	U (1)	U (0.2)	U (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 (0.2)	U (1)	1.5 J (1)	0.35 J (0.2)	U (0.4)	U (1)	U (0.2)	U (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)**	2 (0.2)	U (1)	**5.1 (1)**	**6.8 (0.2)**	**7.1 (0.4)**	**14 (1)**	1.4 (0.2)	1.4 (0.2)
m,p-xylene		U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	1.1 (0.5)	U (2.5)	U (2.5)	U (0.5)	U (1)	U (2.5)	U (0.5)	0.52 J (0.5)
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)	2.2 (0.2)	U (1)	U (1)	U (0.2)	U (0.4)	U (1)	0.59 (0.2)	0.61 (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)	3.3 (0.6)	U (3)	U (3)	U (0.6)	U (1.2)	U (3)	1.1 J (0.6)	1.1 J (0.6)
PDIST																
Ethane		U (10)	U (10)	U (10)	U (100)	U (10)	U (50)	U (50)	U (200)	U (50)	U (200)	U (10)	U (10)	U (10)	U (100)	U (200)
Ethene		U (10)	U (10)	U (10)	U (100)	U (10)	U (50)	U (50)	U (200)	U (50)	U (200)	U (10)	U (10)	U (10)	U (100)	U (200)
Methane		U (10)	U (10)	1100 (10)	8800 (100)	5900 (100)	4500 (50)	4100 (50)	11000 (200)	3200 (50)	18000 (200)	11000 (100)	2200 (10)	5600 (10)	8200 (100)	17000 (200)
INORG (Dissolved)																
Iron		U (10)	U (10)	248000 (1000)	1120000 (13900)	715000 (250)	126000 (278)	204000 (250)	137000 (278)	792000 (1000)	1550000 (13900)	887000 (250)	166000 (278)	182000 (250)	180000 (278)	221000 (278)

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

Abbreviations:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

TABLE 3
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-3	FRW-4	FRW-4	FRW-4	FRW-4
Field Sample ID		**FRW-3-200520**	**FRW3-200831**	**DUP01-200831**	**FRW3-201117**	**DUP01-201117**	**FRW3-210317**	**DUP01-210317**	**FRW3-210826**	**DUP01-210826**	**FRW3-220315**	**FRW-4-200520**	**FRW4-200831**	**FRW4-201119**	**FRW4-210316**
Lab Sample ID		**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; 21H1447-01RE2**	**21H1447-02; 21H1447-02RE2**	**22C0920-05**	**20E0644-01; 20E0644-01RE1**	**20I0209-01; 20I0209-01RE1**	**20K0890-05; 20K0890-05RE1**	**21C0793-05; 21C0793-05RE1**
Sample Method		**Grab**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Grab**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**
Sample Date		**5/20/2020**	**8/31/2020**	**8/31/2020**	**11/17/2020**	**11/17/2020**	**3/17/2021**	**3/17/2021**	**8/26/2021**	**8/26/2021**	**3/15/2022**	**5/20/2020**	**8/31/2020**	**11/19/2020**	**3/16/2021**
Comments				**Field Duplicate**		**Field Duplicate**		**Field Duplicate**		**Field Duplicate**					
WQ															
Organic Carbon (total)		868000 (100000)	2380000 (100000)	2530000 (100000)	2400000 (500000)	3400000 (500000)	1000000 (20000)	1010000 (20000)	212000 (10000)	214000 (10000)	144000 (5000)	268000 (10000)	352000 (10000)	1200000 (500000)	56300 (10000)
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	U (50)	U (50)	U (50)	---	---	---	---
Sulfate	250000	4500 (1000)	1640 (1000)	1520 (1000)	1880 (1000)	1300 (1000)	U (1000)	U (1000)	U (1000)	U (1000)	U (1000)	4890 (1000)	U (1000)	HU (1000)	U (1000)
VOC															
Acetone	50	**97 (5)**	**390 J (25)**	**460 (5)**	**1000 (50)**	**980 (25)**	**2000 (20)**	**2100 (25)**	**710 (10)**	**710 (10)**	11 (1)	14 (1)	**220 (10)**	U (1)	**78 (1)**
Benzene	1	U (1)	0.55 (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.45 J (0.2)	0.45 J (0.2)	0.4 J (0.2)	U (0.2)	U (0.2)	U (0.2)	0.2 J (0.2)
2-Butanone	50	**570 J (1)**	**1500 J (5)**	**2100 J (5)**	**2200 (10)**	**2200 (5)**	**2200 (4)**	**2400 (5)**	**1100 (10)**	**1100 (10)**	11 (0.2)	31 (0.2)	**180 (2)**	**150 (2)**	**110 (1)**
Carbon Disulfide	60	U (1)	0.38 J (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.28 J (0.2)	0.5 (0.2)	0.32 J (0.2)	0.69 (0.2)	0.22 J (0.2)	0.38 J (0.2)	0.24 J (0.2)
Chloroethane	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Chloroform	7	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,2-Dibromoethane	0.0006	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	**0.33 J (0.2)**	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1-Dichloroethane	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,2-Dichloroethane	0.6	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1-Dichloroethene	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	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	5	**120 (1)**	**120 (0.2)**	**120 (1)**	**110 (1)**	**110 (1)**	**33 (1)**	**33 (1)**	1.6 (0.2)	1.6 (0.2)	0.82 (0.2)	0.51 (0.2)	**7.5 (0.2)**	4.6 (0.2)	4.1 (0.2)
trans-1,2-Dichloroethene	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Ethyl Benzene	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	0.2 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
4-Ethyltoluene		U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
2-Hexanone	50	**82 (1)**	**300 J (5)**	**400 (1)**	**650 J (1)**	**560 J (1)**	**760 (1)**	**730 (1)**	**300 (2)**	**300 (2)**	14 (0.2)	U (0.2)	28 (0.2)	36 (0.2)	35 (0.2)
4-Methyl-2-pentanone		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)	2.7 (0.2)	U (0.2)	U (0.2)	2.3 (0.2)	3 (0.2)	U (0.2)
Methylene Chloride	5	U (5)	U (1)	U (5)	U (5)	U (5)	U (5)	U (5)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	5	**6 (1)**	**15 (0.2)**	**13 (1)**	1.4 J (1)	1.9 J (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	1.7 (0.2)	0.33 J (0.2)	0.25 J (0.2)	U (0.2)
Toluene	5	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)	1.4 (0.2)	1.2 (0.2)	U (0.2)	0.2 J (0.2)	0.39 J (0.2)	0.67 (0.2)
1,1,1-Trichloroethane	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Trichloroethene	5	U (1)	0.81 (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	0.27 J (0.2)	U (0.2)	U (0.2)	U (0.2)
1,2,4-Trimethylbenzene	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Vinyl Chloride	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)**	**5.2 (0.2)**	1.6 (0.2)	U (0.2)	U (0.2)	U (0.2)	0.5 (0.2)
m,p-xylene		U (2.5)	U (0.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (2.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
ortho-xylene	5	U (1)	U (0.2)	U (1)	U (1)	U (1)	U (1)	U (1)	0.21 J (0.2)	0.2 J (0.2)	0.5 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Xylenes (total)	5	U (3)	U (0.6)	U (3)	U (3)	U (3)	U (3)	U (3)	U (0.6)	U (0.6)	0.88 J (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST															
Ethane		U (100)	U (200)	U (200)	U (10)	U (10)	U (10)	U (10)	U (10)	U (10)	U (100)	U (10)	U (100)	U (10)	U (100)
Ethene		U (100)	U (200)	U (200)	U (10)	U (10)	U (10)	U (10)	17 (10)	13 (10)	U (100)	U (10)	U (100)	U (10)	U (100)
Methane		4800 (100)	29000 (200)	33000 (200)	6300 (100)	8500 (100)	2200 (10)	1500 (10)	5600 (100)	5600 (100)	6600 (100)	U (10)	14000 (100)	33000 (200)	8500 (100)
INORG (Dissolved)															
Iron		621000 (1000)	1950000 (13900)	1980000 (13900)	1340000 (2500)	1510000 (2500)	639000 (278)	622000 (278)	168000 (250)	166000 (250)	168000 (278)	223000 (1000)	443000 (13900)	266000 (250)	192000 (278)

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

Abbreviations:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

TABLE 3
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	FRW-4	FRW-4	MW-28A	MW-28A	MW-28A	MW-28B	MW-28B	MW-28B	MW-44A	MW-44A	MW-44B	MW-44B	MW-44C	MW-44C
Field Sample ID		**FRW4_210825**	**FRW4-220315**	**MW28A-200830**	**MW28A_210826**	**MW28A-220315**	**MW28B-200830**	**MW28B_210826**	**MW28B-220316**	**MW44A-200902**	**MW44A-210823**	**MW44B-200902**	**MW44B-210823**	**MW44C-200902**	**MW44C-210823**
Lab Sample ID		**21H1344-05; CJ15282**	**22C0920-08**	**20H1216-04**	**21H1344-07**	**22C0920-06**	**20H1216-05**	**21H1344-08**	**22C0920-09**	**20I0209-09**	**21H1204-01**	**20I0209-07**	**21H1204-02**	**20I0209-08**	**21H1204-03**
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**	**Peristaltic Pump**	**Peristaltic Pump**
Sample Date		**8/25/2021**	**3/15/2022**	**8/30/2020**	**8/26/2021**	**3/15/2022**	**8/30/2020**	**8/26/2021**	**3/16/2022**	**9/2/2020**	**8/23/2021**	**9/2/2020**	**8/23/2021**	**9/2/2020**	**8/23/2021**
Comments															
WQ															
Organic Carbon (total)		21400 (2000)	11400 (1000)	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate & Nitrite (as N)		---	U (50)	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	250000	U (1000)	U (1000)	---	---	---	---	---	---	---	---	---	---	---	---
VOC															
Acetone	50	1.8 (1)	1.9 J (1)	3.7 (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Benzene	1	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)	U (0.2)	U (0.2)
2-Butanone	50	0.5 (0.2)	U (0.2)	28 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	60	0.51 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.35 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Chloroethane	5	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)	U (0.2)	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 (0.2)	0.52 (0.2)	U (0.2)	1.2 (0.2)	0.25 J (0.2)	U (0.2)	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 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1-Dichloroethane	5	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)	U (0.2)	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 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1-Dichloroethene	5	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)	U (0.2)	U (0.2)
cis-1,2-Dichloroethene	5	0.75 (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)	U (0.2)	U (0.2)	0.25 J (0.2)	U (0.2)	U (0.2)
trans-1,2-Dichloroethene	5	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)	U (0.2)	U (0.2)
Ethyl Benzene	5	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)	U (0.2)	U (0.2)
4-Ethyltoluene		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)	U (0.2)	U (0.2)
2-Hexanone	50	0.83 (0.2)	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)	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)	U (0.2)	U (0.2)
Methylene Chloride	5	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	1 (1)	U (1)	U (1)
Tetrachloroethene	5	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)	U (0.2)	U (0.2)
Toluene	5	0.7 (0.2)	1 (0.2)	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	5	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)	U (0.2)	U (0.2)
Trichloroethene	5	0.2 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (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 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Vinyl Chloride	2	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)	U (0.2)	U (0.2)
m,p-xylene		U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
ortho-xylene	5	0.22 J (0.2)	1 (0.2)	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)	5	U (0.6)	1.4 J (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)	U (0.6)
PDIST															
Ethane		U (50)	U (100)	---	---	---	---	---	---	---	---	---	---	---	---
Ethene		U (50)	U (100)	---	---	---	---	---	---	---	---	---	---	---	---
Methane		7800 (50)	12000 (100)	---	---	---	---	---	---	---	---	---	---	---	---
INORG (Dissolved)															
Iron		165000 (250)	91400 (278)	---	---	---	---	---	---	---	---	---	---	---	---

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

Abbreviations:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

TABLE 3
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	MW-45A	MW-45A	MW-45A	MW-45A	MW-45A	MW-45A	MW-45A	MW-45B	MW-45B	MW-58A	MW-58A	MW-58B	MW-58B	MW-59A	MW-59A
Field Sample ID		MW-45A-20200220	MW-45A-200519	MW45A-200901	MW45A-201117	MW45A-210315	MW45A_210824	MW45A-220314	MW45B-200901	MW45B_210824	MW58A-200830	MW58A-210827	MW58B-200830	MW58B-210827	MW59A-200903	MW59A-210824
Lab Sample ID		20B0768-01	20E0617-01	20I0209-05	20K0801-01	21C0793-02	21H1344-01	22C0920-03	20I0209-06	21H1344-02	20H1216-01	21H1447-03	20H1216-06	21H1447-04	20I0209-14	21H1204-06
Sample Method		Bladder Pump	Grab	Peristaltic Pump	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		2/20/2020	5/19/2020	9/1/2020	11/17/2020	3/15/2021	8/24/2021	3/14/2022	9/1/2020	8/24/2021	8/30/2020	8/27/2021	8/30/2020	8/27/2021	9/3/2020	8/24/2021
Comments																
WQ																
Organic Carbon (total)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sulfate	250000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VOC																
Acetone	50	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	2.2 (1)	U (1)	U (1)	U (1)	U (1)	U (1)	3.6 (1)	U (1)
Benzene	1	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)	U (0.2)	U (0.2)	U (0.2)
2-Butanone	50	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	10 (0.2)	U (0.2)	U (0.2)	0.68 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	60	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)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Chloroethane	5	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)	U (0.2)	U (0.2)	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 (0.2)	U (0.2)	U (0.2)	U (0.2)	1.4 (0.2)	0.91 (0.2)	U (0.2)	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 (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	5	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)	U (0.2)	U (0.2)	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 (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	5	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)	U (0.2)	U (0.2)	U (0.2)
cis-1,2-Dichloroethene	5	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)	U (0.2)	U (0.2)	U (0.2)
trans-1,2-Dichloroethene	5	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)	U (0.2)	U (0.2)	U (0.2)
Ethyl Benzene	5	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)	U (0.2)	U (0.2)	U (0.2)
4-Ethyltoluene		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)	U (0.2)	U (0.2)	U (0.2)
2-Hexanone	50	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)	0.66 (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)	U (0.2)	U (0.2)	U (0.2)
Methylene Chloride	5	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	1.5 J (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	5	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)	U (0.2)	U (0.2)	U (0.2)
Toluene	5	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)	U (0.2)	U (0.2)	U (0.2)
1,1,1-Trichloroethane	5	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)	U (0.2)	U (0.2)	U (0.2)
Trichloroethene	5	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)	U (0.2)	U (0.2)	U (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 (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	2	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)	U (0.2)	U (0.2)	U (0.2)
m,p-xylene		U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
ortho-xylene	5	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)	U (0.2)	U (0.2)	U (0.2)
Xylenes (total)	5	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)	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:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

TABLE 3
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	MW-59B	MW-59B	MW-98-01A	MW-98-01A	MW-98-01A	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
Field Sample ID		**MW59B-200903**	**MW59B-210824**	**MW-98-01A-20200220**	**MW-98-01A-200520**	**MW98-01A-200901**	**MW98-01A-201118**	**MW98-01A-210316**	**MW9801A_210825**	**MW98-01A-220314**	**MW-98-04-20200219**	**MW-98-04-200519**	**MW98-04-200830**	**MW98-04-201119**	**MW98-04A-210315**	**MW9804-210824**
Lab Sample ID		**20I0209-12**	**21H1204-07**	**20B0768-05**	**20E0644-02; 20E0644-02RE1**	**20I0209-03; 20I0209-03RE1**	**20K0801-06; 20K0801-06RE1**	**21C0793-03**	**21H1344-03; CJ15280; 21H1344-03RE2**	**22C0920-02**	**20B0740-02**	**20E0617-02**	**20H1216-02**	**20K0890-01; 20K0890-01RE1**	**21C0793-01**	**21H1204-08**
Sample Method		**Peristaltic Pump**	**Peristaltic Pump**	**Bladder Pump**	**Grab**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Bladder Pump**	**Grab**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**
Sample Date		**9/3/2020**	**8/24/2021**	**2/20/2020**	**5/20/2020**	**9/1/2020**	**11/18/2020**	**3/16/2021**	**8/25/2021**	**3/14/2022**	**2/19/2020**	**5/19/2020**	**8/30/2020**	**11/19/2020**	**3/15/2021**	**8/24/2021**
Comments																
WQ																
Organic Carbon (total)		---	---	2160 (1000)	84300 (10000)	737000 (10000)	3030000 (500000)	118000 (10000)	223000 (20000)	10800 (1000)	---	---	---	---	---	---
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	---	U (50)	---	---	---	---	---	---
Sulfate	250000	---	---	8890 (1000)	6380 (1000)	U (1000)	1580 (1000)	5060 (1000)	1480 (1000)	8120 (1000)	---	---	---	---	---	---
VOC																
Acetone	50	U (1)	U (1)	U (1)	3.7 (1)	**80 (1)**	32 (1)	20 (1)	**52 (1)**	3 (1)	U (1)	3.6 (1)	27 (1)	**90 (5)**	1.9 J (1)	U (1)
Benzene	1	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)	U (0.2)	U (0.2)	U (0.2)
2-Butanone	50	U (0.2)	U (0.2)	U (0.2)	**93 (0.2)**	**220 (1)**	**92 J (2)**	U (0.2)	**170 (2)**	3.2 (0.2)	U (0.2)	4 J (0.2)	25 (0.2)	5.3 (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	60	U (0.2)	U (0.2)	U (0.2)	0.3 J (0.2)	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	5	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)	U (0.2)	U (0.2)	U (0.2)
Chloroform	7	0.94 (0.2)	0.32 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)	U (0.2)	U (0.2)	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 (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	5	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)	U (0.2)	U (0.2)	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)	**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	5	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)	U (0.2)	U (0.2)	U (0.2)
cis-1,2-Dichloroethene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	1.9 (0.2)	0.4 J (0.2)	**5.9 (0.2)**	0.29 J (0.2)	0.2 J (0.2)	U (0.2)	4 (0.2)	0.28 J (0.2)	U (0.2)	**15 (0.2)**	U (0.2)
trans-1,2-Dichloroethene	5	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)	U (0.2)	U (0.2)	U (0.2)
Ethyl Benzene	5	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)	U (0.2)	U (0.2)	U (0.2)
4-Ethyltoluene		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)	U (0.2)	U (0.2)	U (0.2)
2-Hexanone	50	U (0.2)	U (0.2)	U (0.2)	U (0.2)	7.1 J (0.2)	7.3 (0.2)	U (0.2)	4.5 (0.2)	U (0.2)	U (0.2)	0.23 J (0.2)	1.6 (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)	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	5	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	5	U (0.2)	U (0.2)	4.1 (0.2)	2.2 (0.2)	**7 (0.2)**	**5.1 (0.2)**	5 (0.2)	0.44 J (0.2)	U (0.2)	U (0.2)	4.9 (0.2)	2.4 (0.2)	1.3 (0.2)	2.3 (0.2)	0.24 (0.2)
Toluene	5	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)	**65 (0.2)**	1.3 (0.2)	U (0.2)	U (0.2)
1,1,1-Trichloroethane	5	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)	U (0.2)	U (0.2)	U (0.2)
Trichloroethene	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.49 J (0.2)	0.69 (0.2)	0.26 J (0.2)	U (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)
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 (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	2	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)	U (0.2)	**7.9 (0.2)**	U (0.2)
m,p-xylene		U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
ortho-xylene	5	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)	U (0.2)	U (0.2)	U (0.2)
Xylenes (total)	5	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)	U (0.6)	U (0.6)	U (0.6)
PDIST																
Ethane		---	---	U (10)	U (10)	U (10)	U (10)	U (10)	U (50)	U (200)	---	---	---	---	---	---
Ethene		---	---	U (10)	U (10)	U (10)	U (10)	U (10)	U (50)	U (200)	---	---	---	---	---	---
Methane		---	---	250 (10)	47 (10)	2100 (10)	1700 (10)	1300 (10)	5800 (50)	8900 (200)	---	---	---	---	---	---
INORG (Dissolved)																
Iron		---	---	232 (10)	61000 (200)	297000 (13900)	203000 (250)	97700 (278)	101000 (250)	27800 (278)	---	---	---	---	---	---

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

Abbreviations:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

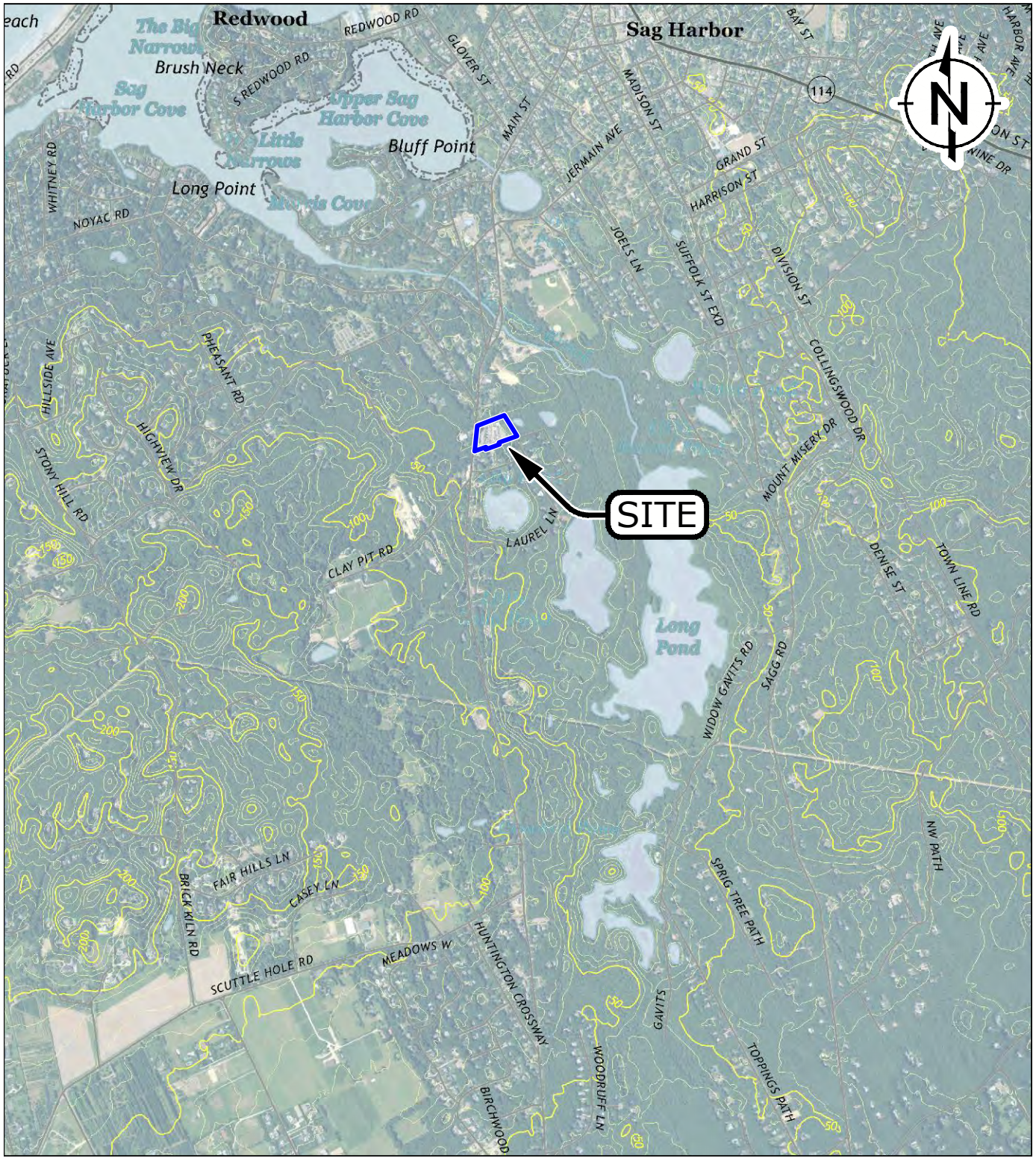
TABLE 3
Groundwater Sample Analytical Results
Former Rowe Industries Superfund Site
Sag Harbor, New York

Location	NY State Ambient Groundwater Standards	MW-98-04	MW-98-04B	MW-98-04B	MW-98-05A	MW-98-05AR	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		**MW98-04A-220315**	**MW98-04B-200830**	**MW9804B-210824**	**MW9805A_210826**	**MW-98-05AR-20200219**	**MW-98-05AR-200519**	**DUP01-200519**	**MW98-05AR-200901**	**MW98-05A-201119**	**MW98-05AR-210316**	**MW9805AR-220315**	**N32-200902**	**N32-210823**	**N32B-200902**	**N32B-210823**
Lab Sample ID		**22C0920-04**	**20H1216-03**	**21H1204-09**	**21H1344-09; CJ15284**	**20B0740-01**	**20E0617-03; 20E0617-03RE1**	**20E0617-05; 20E0617-05RE1**	**20I0209-04; 20I0209-04RE1**	**20K0890-03; 20K0890-03RE1**	**21C0853-01; 21C0853-01RE1**	**22C0920-07**	**20I0209-10**	**21H1204-05**	**20I0209-11**	**21H1204-04**
Sample Method		**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Bladder Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**	**Peristaltic Pump**
Sample Date		**3/15/2022**	**8/30/2020**	**8/24/2021**	**8/26/2021**	**2/19/2020**	**5/19/2020**	**5/19/2020**	**9/1/2020**	**11/19/2020**	**3/16/2021**	**3/15/2022**	**9/2/2020**	**8/23/2021**	**9/2/2020**	**8/23/2021**
Comments								**Field Duplicate**								
WQ																
Organic Carbon (total)		---	---	---	186000 (20000)	2660 (1000)	220000 (10000)	492000 (10000)	856000 (10000)	6210000 (500000)	255000 (10000)	69800 (5000)	---	---	---	---
Nitrate & Nitrite (as N)		---	---	---	---	---	---	---	---	---	---	U (50)	---	---	---	---
Sulfate	250000	---	---	---	U (1000)	6840 (1000)	U (1000)	U (1000)	U (1000)	1230 (1000)	U (1000)	U (1000)	---	---	---	---
VOC																
Acetone	50	1.3 J (1)	U (1)	U (1)	U (1)	U (1)	26 (1)	30 (1)	**120 (1)**	U (1)	**190 (10)**	12 (1)	U (1)	U (1)	U (1)	U (1)
Benzene	1	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.21 J (0.2)	0.22 J (0.2)	U (0.2)	0.41 J (0.2)	0.64 (0.2)	0.59 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
2-Butanone	50	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	**86 J (0.2)**	**72 (0.2)**	**270 (2)**	**930 (5)**	**270 (2)**	6.4 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Carbon Disulfide	60	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	0.55 (0.2)	0.47 J (0.2)	U (0.2)	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	5	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)	0.21 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	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 (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	0.0006	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)	U (0.2)	U (0.2)	U (0.2)
1,1-Dichloroethane	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	2.3 (0.2)	2.3 (0.2)	0.37 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	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 (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	5	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)	U (0.2)	U (0.2)	U (0.2)
cis-1,2-Dichloroethene	5	1.8 (0.2)	U (0.2)	U (0.2)	0.62 (0.2)	1.4 (0.2)	**110 (0.2)**	**100 (0.2)**	**120 (0.2)**	**75 (0.2)**	**39 (0.2)**	1.2 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
trans-1,2-Dichloroethene	5	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)	U (0.2)	U (0.2)	U (0.2)
Ethyl Benzene	5	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)	0.23 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
4-Ethyltoluene		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)	U (0.2)	U (0.2)	U (0.2)
2-Hexanone	50	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	3.7 (0.2)	4.8 (0.2)	8.2 (0.2)	31 (0.2)	30 (0.2)	1.9 (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)	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	5	1.3 J (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)	U (1)
Tetrachloroethene	5	4.8 (0.2)	U (0.2)	U (0.2)	U (0.2)	**26 J (0.2)**	4.5 (0.2)	4.4 (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	5	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 (0.2)	1.3 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
1,1,1-Trichloroethane	5	U (0.2)	U (0.2)	U (0.2)	U (0.2)	3.5 (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Trichloroethene	5	0.62 (0.2)	U (0.2)	U (0.2)	U (0.2)	1.2 (0.2)	2.3 (0.2)	2.7 (0.2)	1.5 (0.2)	U (0.2)	0.5 (0.2)	0.2 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (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 (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	2	**2.9 (0.2)**	U (0.2)	U (0.2)	0.34 J (0.2)	U (0.2)	**4.2 J (0.2)**	U (0.2)	**4.1 (0.2)**	**4.7 (0.2)**	**3.1 (0.2)**	U (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
m,p-xylene		U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)	U (0.5)
ortho-xylene	5	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)	0.21 J (0.2)	0.46 J (0.2)	U (0.2)	U (0.2)	U (0.2)	U (0.2)
Xylenes (total)	5	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)	0.85 J (0.6)	U (0.6)	U (0.6)	U (0.6)	U (0.6)
PDIST																
Ethane		---	---	---	U (50)	U (10)	U (10)	U (10)	U (100)	U (10)	U (10)	U (100)	---	---	---	---
Ethene		---	---	---	U (50)	U (10)	U (10)	U (10)	U (100)	U (10)	U (10)	U (100)	---	---	---	---
Methane		---	---	---	4300 (50)	250 (10)	750 (10)	740 (10)	20000 (100)	13000 (100)	1600 (10)	7200 (100)	---	---	---	---
INORG (Dissolved)																
Iron		---	---	---	121000 (250)	465 (10)	122000 (200)	113000 (200)	438000 (13900)	598000 (250)	255000 (278)	97000 (278)	---	---	---	---

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

Abbreviations:
U -- Not Detected.
H -- Sample was prepped for analysis beyond the specified holding time.
J -- Estimated Concentration.
( ) -- Reporting Detection Limit.
--- -- Not Analyzed.

FIGURES



CONTOUR INTERVAL 10 FEET

0 1/2 1 MILE

0 2000 4000 FEET

LEGEND:

PROPERTY BOUNDARY (APPROXIMATE)

QUADRANGLE LOCATION

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

RAMBOLL

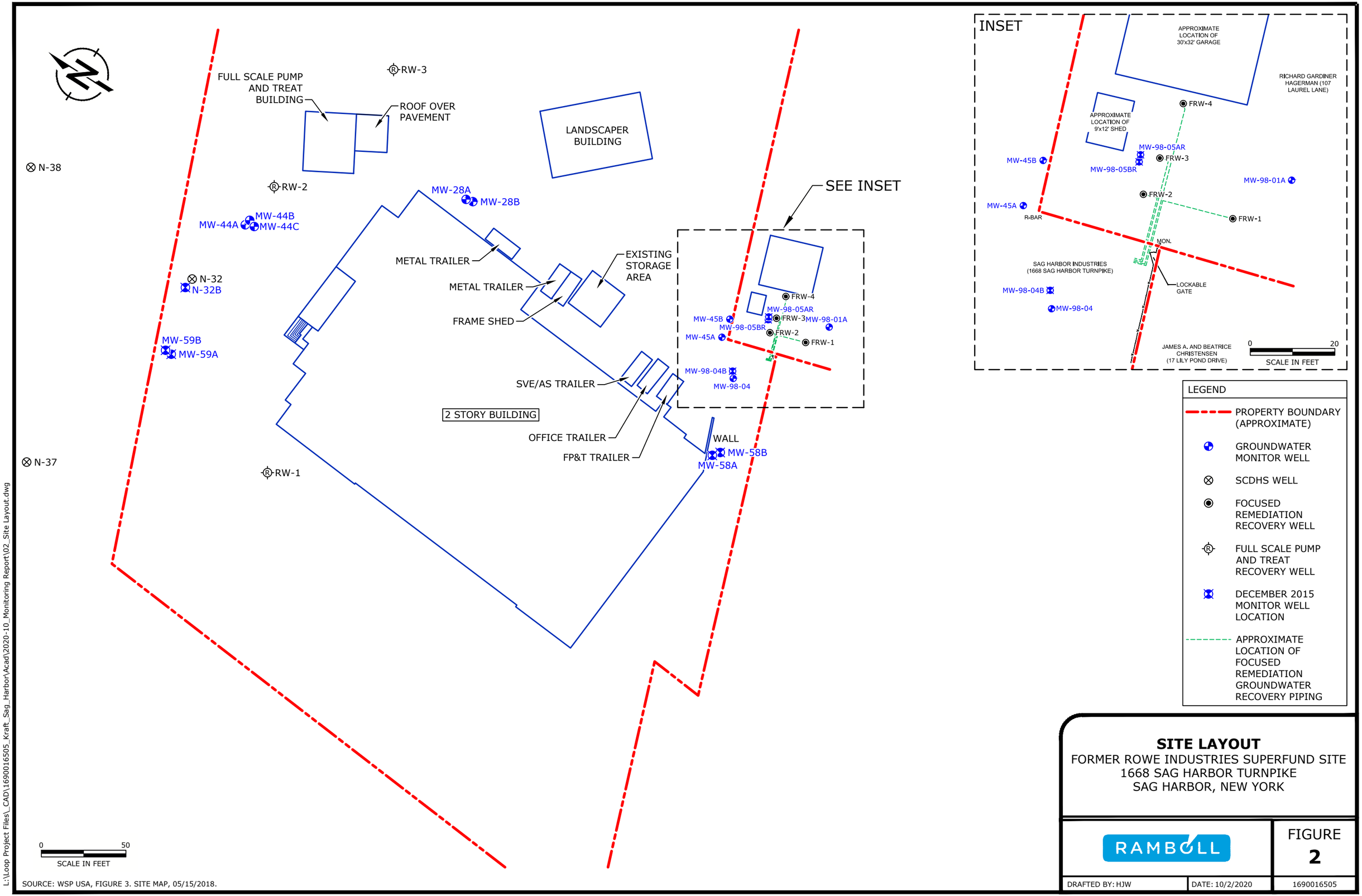
SITE LOCATION MAP

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\01_Site Location Map.dwg



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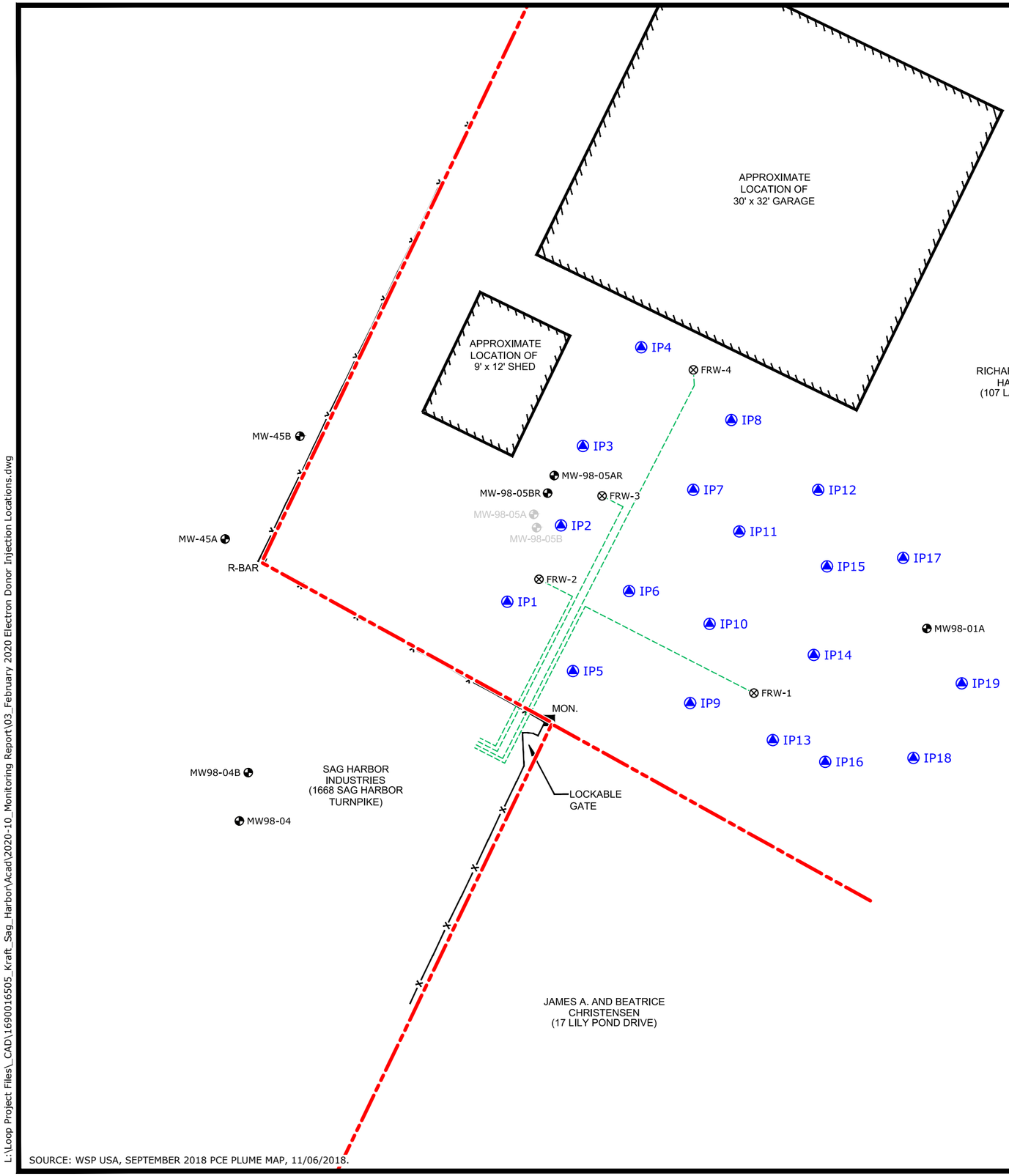
SITE LAYOUT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RAMBOLL

FIGURE
2

DRAFTED BY: HJW	DATE: 10/2/2020	1690016505



LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- MW-98-05B — DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- FEBRUARY 2020 INJECTION LOCATION

NOTE:

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

0 10
SCALE IN FEET

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

FEBRUARY 2020 ELECTRON DONOR INJECTION LOCATIONS

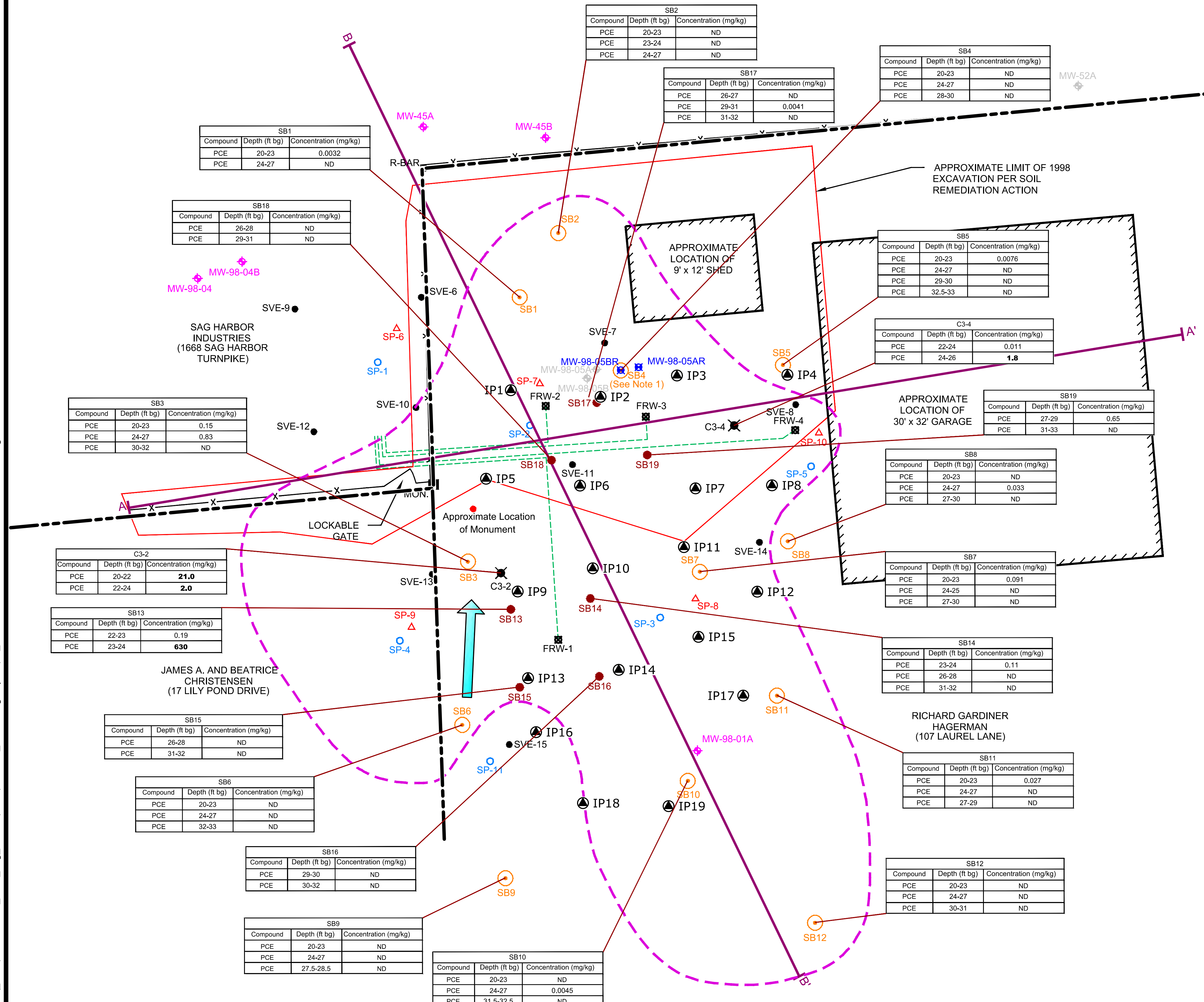
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RAMBOLL

FIGURE 3

DRAFTED BY: HJW | DATE: 10/2/2020 | 1690016505

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



SB1		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	0.0032
PCE	24-27	ND

SB2		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	23-24	ND
PCE	24-27	ND

SB4		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	ND
PCE	28-30	ND

SB17		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	26-27	ND
PCE	29-31	0.0041
PCE	31-32	ND

SB18		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	26-28	ND
PCE	29-31	ND

SB5		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	0.0076
PCE	24-27	ND
PCE	29-30	ND
PCE	32.5-33	ND

C3-4		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	22-24	0.011
PCE	24-26	**1.8**

SB3		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	0.15
PCE	24-27	0.83
PCE	30-32	ND

SB19		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	27-29	0.65
PCE	31-33	ND

SB8		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	0.033
PCE	27-30	ND

C3-2		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-22	**21.0**
PCE	22-24	**2.0**

SB7		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	0.091
PCE	24-25	ND
PCE	27-30	ND

SB13		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	22-23	0.19
PCE	23-24	**630**

SB14		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	23-24	0.11
PCE	26-28	ND
PCE	31-32	ND

SB15		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	26-28	ND
PCE	31-32	ND

SB11		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	0.027
PCE	24-27	ND
PCE	27-29	ND

SB6		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	ND
PCE	32-33	ND

SB16		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	29-30	ND
PCE	30-32	ND

SB12		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	ND
PCE	30-31	ND

SB9		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	ND
PCE	27.5-28.5	ND

SB10		
Compound	Depth (ft bg)	Concentration (mg/kg)
PCE	20-23	ND
PCE	24-27	0.0045
PCE	31.5-32.5	ND

LEGEND

- PROPERTY BOUNDARY
- CHAIN LINK FENCE
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- APPROXIMATE EXTENT OF CLAY LENS (~25 - 33 ft.bg.)
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL LOCATION
- JANUARY 2003 BORING LOCATION
- DECEMBER 2015 BORING LOCATION
- MW-98-05B — DECOMMISSIONED MONITOR WELL
- REPLACEMENT MONITOR WELL INSTALLED IN DECEMBER 2015
- SP-10 — SHALLOW AIR SPARGE WELL LOCATION
- SP-5 — DEEP AIR SPARGE WELL LOCATION
- SVE-9 — SVE WELL LOCATION
- JUNE 2018 SOIL BORING
- GROUNDWATER FLOW DIRECTION
- FEBRUARY 2020 INJECTION LOCATION

NOTES:

1. BORING SB4 WAS COMPLETED AS MW-98-05BR.
2. A BOLD VALUE INDICATES AN EXCEEDANCE OF THE ARAR.

0 10
SCALE IN FEET

PRE-TREATMENT PCE CONCENTRATIONS IN SOIL

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

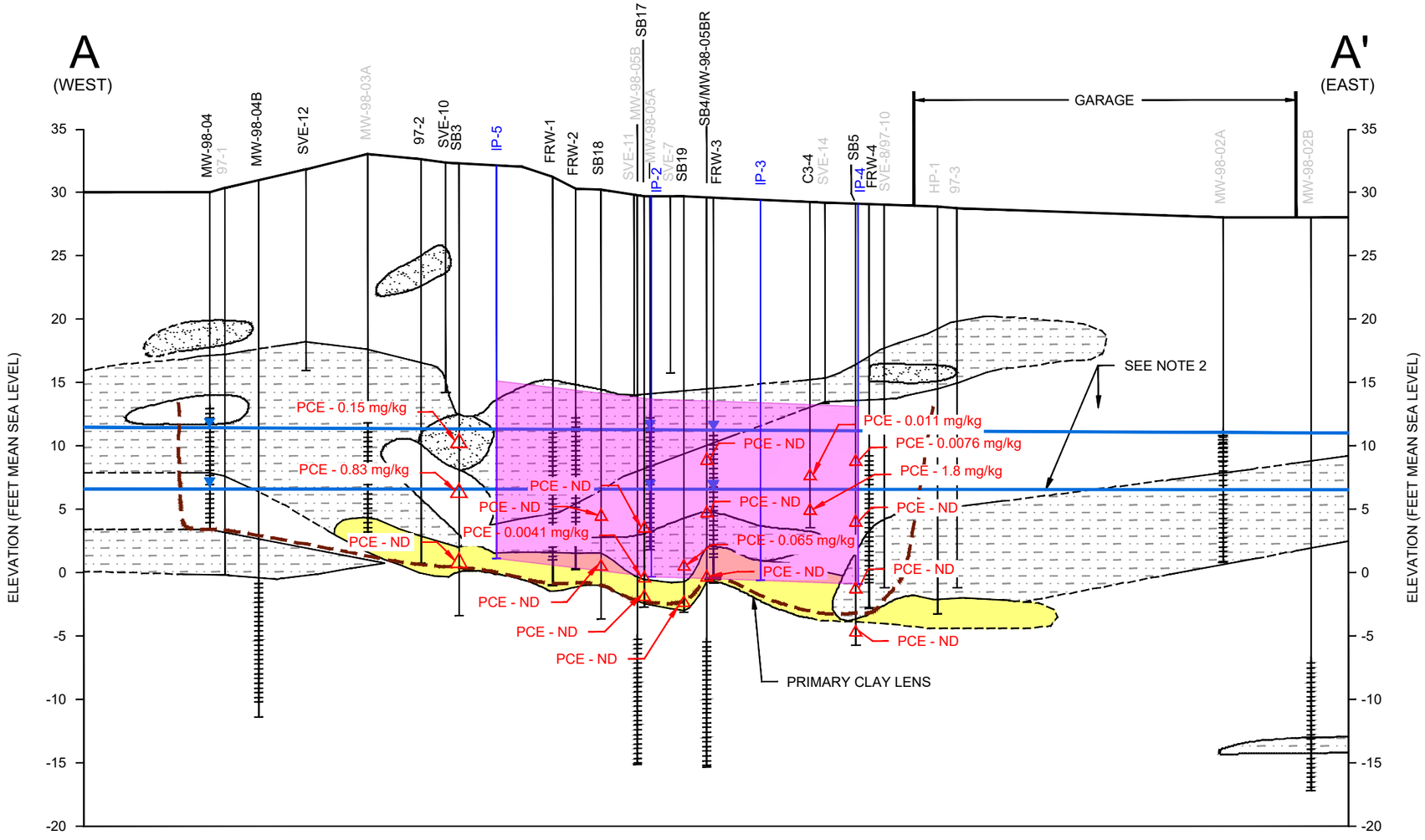
RAMBOLL

FIGURE 4

DRAFTED BY: HJW | DATE: 11/5/2020 | 1690016505

SOURCE: WSP USA, FDSA CONCENTRATIONS IN SOIL, 02/21/2019.

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



LEGEND

- WATER TABLE ELEVATION
- SCREEN SETTING
- DEPTH OF BORING
- FINE TO COARSE SAND
- FINE TO COARSE SAND AND SILTY CLAY
- FINE SAND AND SILT
- SILT AND CLAY
- MW-98-03A — UNLOCATED OR DECOMMISSIONED MONITOR WELL, NOT USED IN DETERMINING GROUNDWATER ELEVATION, ONLY GEOLOGY
- ESTIMATED GEOLOGIC BOUNDARY
- FEBRUARY 2020 INJECTION LOCATION
- APPROXIMATE BOUNDARY WHERE PCE CONCENTRATIONS IN THE GROUNDWATER EXCEED THE ARAR AT LEAST PART OF THE TIME
- △ SATURATED SOIL SAMPLE LOCATION
- INJECTION INTERVAL

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.

0 10 HORIZONTAL SCALE IN FEET

0 10 VERTICAL SCALE IN FEET

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

GEOLOGIC CROSS-SECTION A-A'

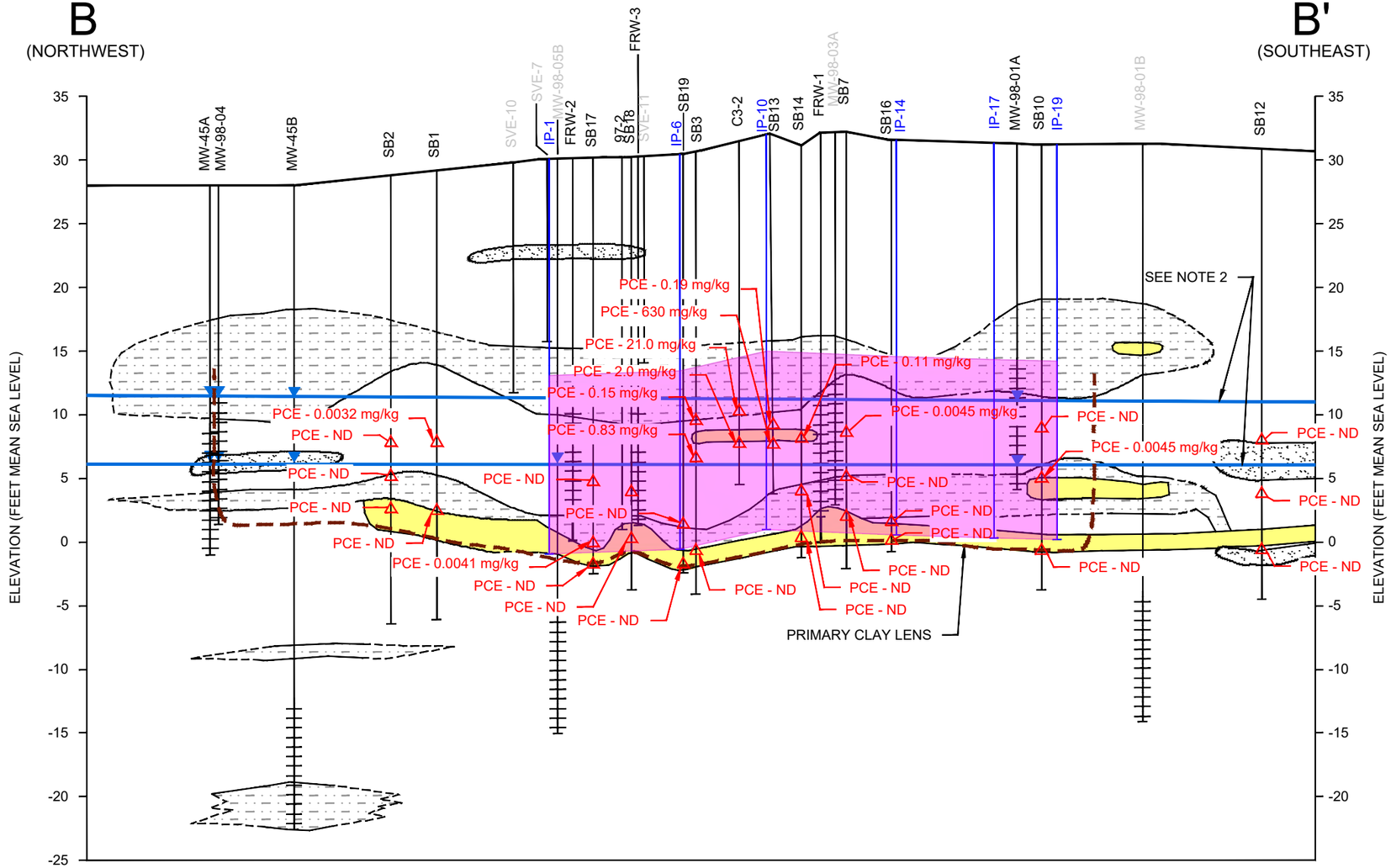
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RAMBOLL

FIGURE 5

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

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



LEGEND

- WATER TABLE ELEVATION
- SCREEN SETTING
- DEPTH OF BORING
- FINE TO COARSE SAND
- FINE TO COARSE SAND AND SILTY CLAY
- FINE SAND AND SILT
- SILT AND CLAY
- MW-98-03A — UNLOCATED OR DECOMMISSIONED MONITOR WELL, NOT USED IN DETERMINING GROUNDWATER ELEVATION, ONLY GEOLOGY
- ESTIMATED GEOLOGIC BOUNDARY
- FEBRUARY 2020 INJECTION LOCATION
- APPROXIMATE BOUNDARY WHERE PCE CONCENTRATIONS IN THE GROUNDWATER EXCEED THE ARAR AT LEAST PART OF THE TIME
- △ SATURATED SOIL SAMPLE LOCATION
- INJECTION INTERVAL

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.

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

0 10 HORIZONTAL SCALE IN FEET

0 10 VERTICAL SCALE IN FEET

GEOLOGIC CROSS-SECTION B-B'

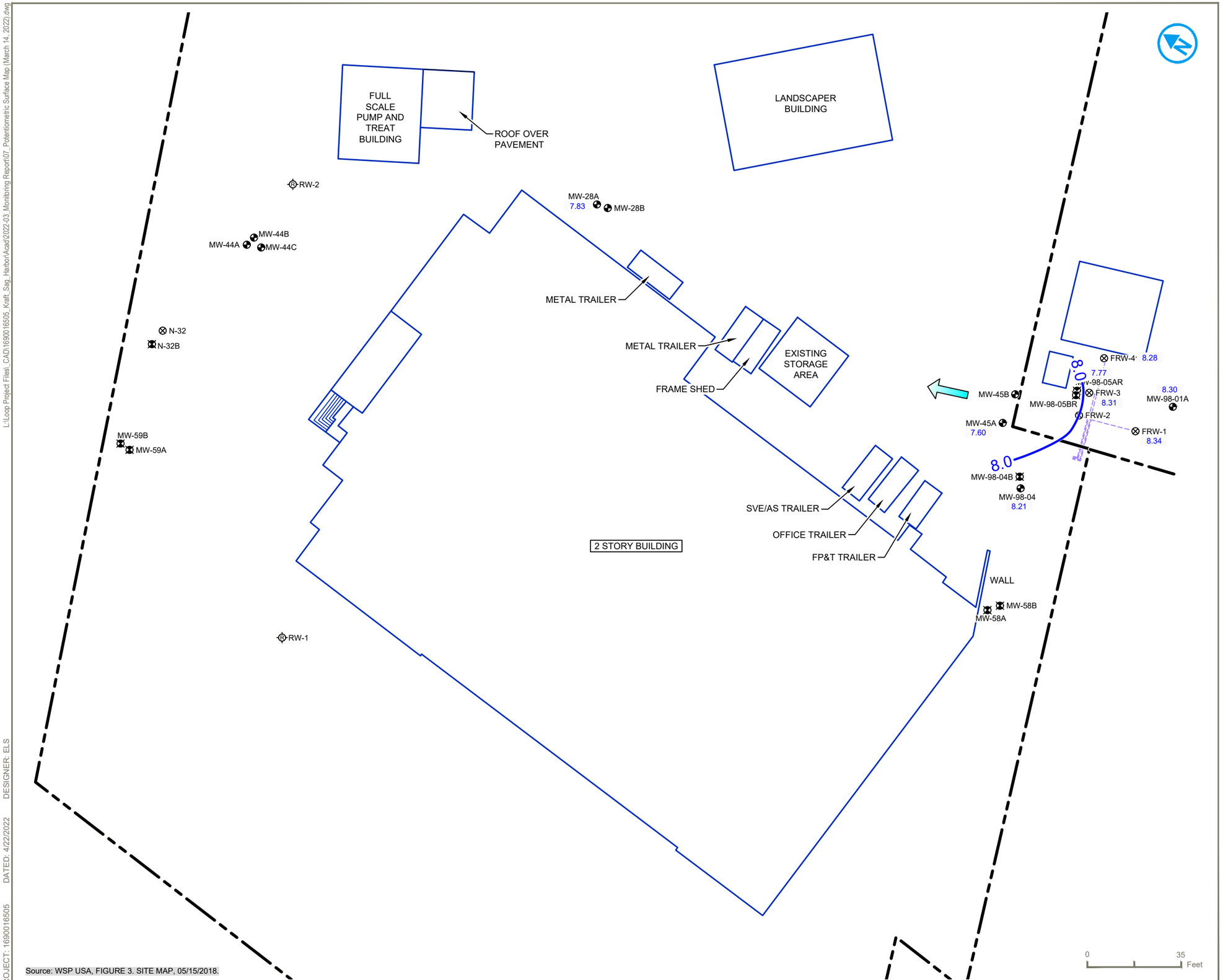
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

RAMBOLL

FIGURE 6

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

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



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- RW-1 — FULL SCALE PUMP AND TREAT RECOVERY WELL
- MW-98-05AR — DECEMBER 2015 GROUNDWATER MONITOR WELL
- 7.77 — POTENTIOMETRIC SURFACE ELEVATION (FT MSL)
- 8.0 — POTENTIOMETRIC SURFACE ELEVATION CONTOUR (0.5-FOOT INTERVALS) (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTES:

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

POTENTIOMETRIC SURFACE MAP (MARCH 14, 2022)

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

FIGURE 7

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690016505 DATED: 4/22/2022 DESIGNER: ELS

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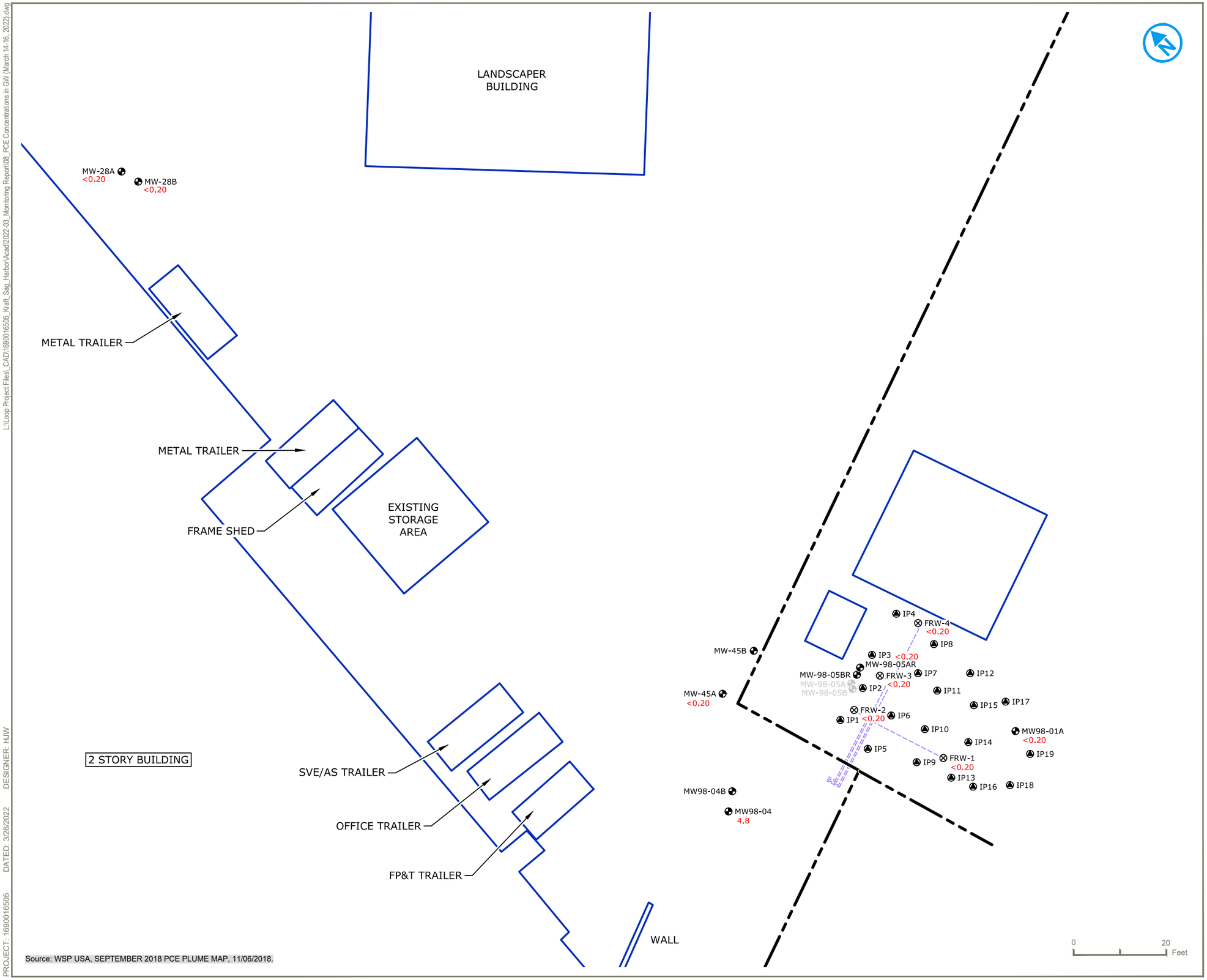


Source: WSP USA, SEPTEMBER 2018 PCE PLUME MAP, 11/06/2018.

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- 4.8 — 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 (MARCH 14-16, 2022)

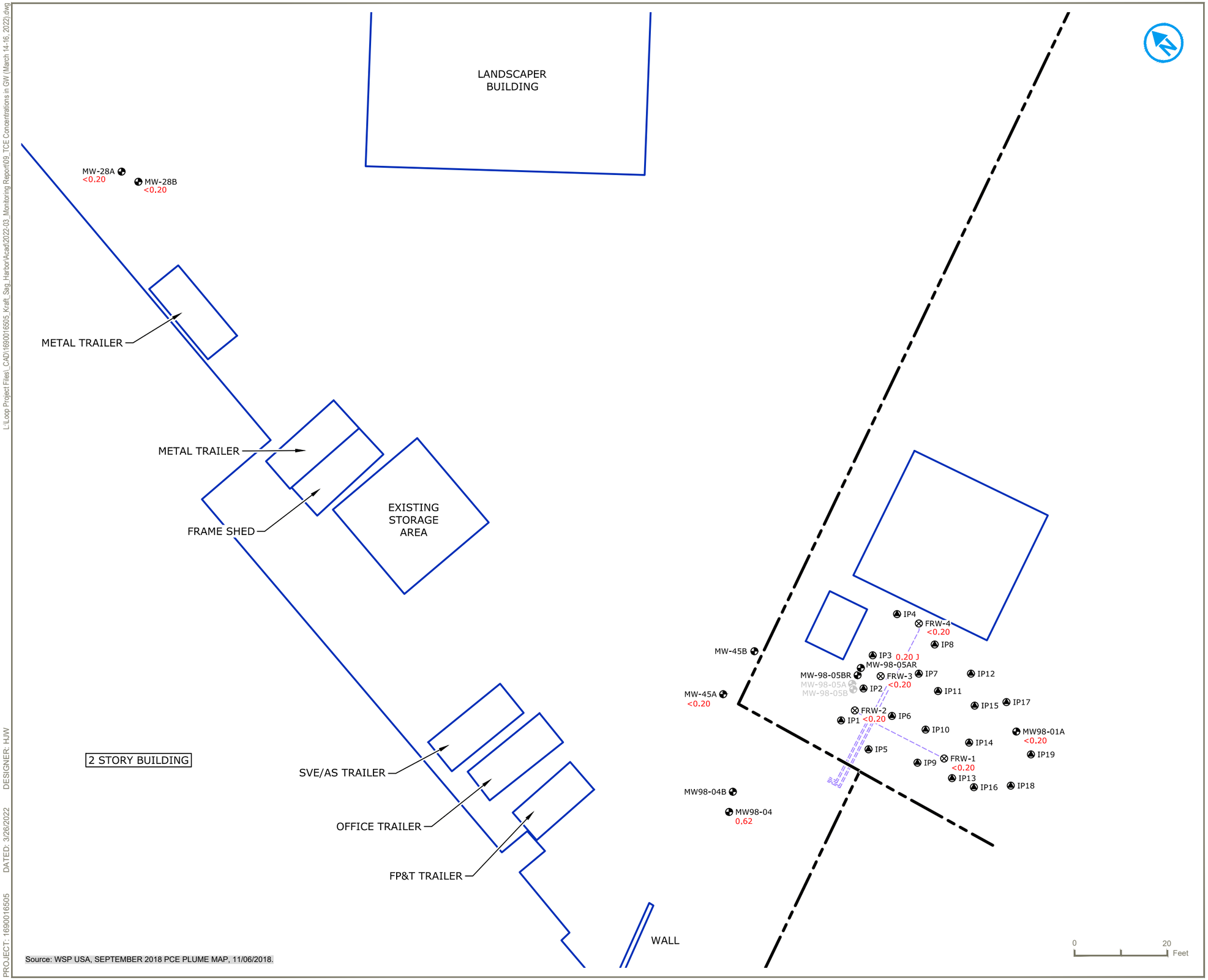
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FIGURE 8

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad\2022-03_Monitoring Report\08_PCE Concentrations in GW (March 14-16, 2022).dwg
DESIGNER: HJW
DATED: 3/26/2022
PROJECT: 1690016505



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

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- 0.62 — TCE CONCENTRATION (µg/L)
- NS — NOT SAMPLED
- MW-98-05B — DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 5 — TCE 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.

TCE CONCENTRATIONS IN GROUNDWATER (MARCH 14-16, 2022)

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

FIGURE 9

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690016505 DATED: 3/26/2022 DESIGNER: HJW
L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad\2022-03_Monitoring Report\09_TCE Concentrations in GW (March 14-16, 2022).dwg

LANDSCAPER BUILDING

MW-28A <0.20

MW-28B <0.20

METAL TRAILER

METAL TRAILER

FRAME SHED

EXISTING STORAGE AREA

2 STORY BUILDING

SVE/AS TRAILER

OFFICE TRAILER

FP&T TRAILER

WALL

MW-45B

MW-45A <0.20

MW98-04B

MW98-04 1.8

IP4

FRW-4 0.37 J

IP8

IP3 1.2

MW-98-05AR

MW-98-05BR

FRW-3 0.82

IP7

IP12

MW-98-05A

MW-98-05B

IP2

IP11

IP15

IP17

FRW-2 1.1

IP1

IP6

IP10

MW98-01A 0.20 J

IP14

IP5

IP19

IP9

FRW-1 <0.20

IP13

IP16

IP18

0 20 Feet

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

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- 0.82 — cDCE CONCENTRATION (µg/L)
- NS — NOT SAMPLED
- MW-98-05B — DAMAGED MONITOR WELL DECOMMISSIONED IN DECEMBER 2015
- 5 — cDCE CONCENTRATION CONTOUR (µg/L)
- FEBRUARY 2020 INJECTION LOCATION

NOTES:

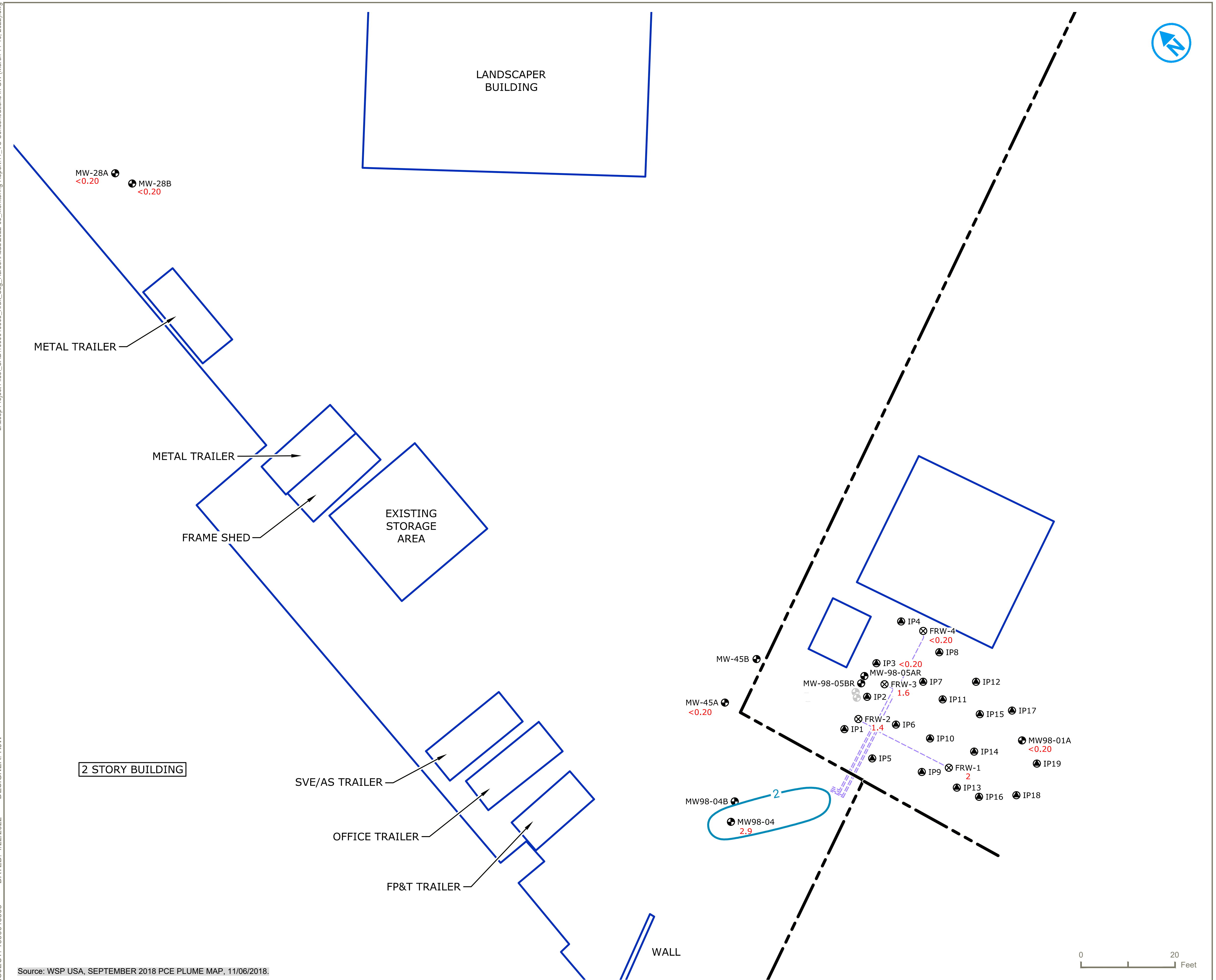
1. J = ESTIMATED CONCENTRATION AT OR ABOVE THE LEVEL OF DETECTION AND BELOW THE LEVEL OF QUANTIFICATION
2. 'R' IN WELL DESIGNATION INDICATES REPLACEMENT WELL.
3. cDCE WAS DETECTED AT AN ESTIMATED CONCENTRATION OF 0.25 MICROGRAMS PER LITER (µg/L) AT MONITORING WELL MW-44B. THE LOCATION OF MW-44B IS DEPICTED ON FIGURE 2.

cDCE CONCENTRATIONS IN GROUNDWATER (MARCH 14-16, 2022)

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

FIGURE 10

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FOCUSED REMEDIATION GROUNDWATER RECOVERY PIPING
- FRW-3 — FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- MW-98-04 — GROUNDWATER MONITOR WELL
- 1.6 — 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.

VC CONCENTRATIONS IN GROUNDWATER (MARCH 14-16, 2022)

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

FIGURE 11

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

L:\Loop Project Files_CAD\1690016505_Kraft_Sag_Harbor\Acad\2022-03_Monitoring Report\11_VC Concentrations in GW (March 14-16, 2022).dwg

DESIGNER: HJW

DATED: 4/22/2022

PROJECT: 1690016505

APPENDIX A

GROUNDWATER FIELD SAMPLING LOGS

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - FBW1

Site
Location

Sampling Information

Date (MM/DD/YY) - 03/14/22
Personnel - M Sweet, A Paulov
Weather - Clear 30-50
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ~~ppb~~
Well Casing PID - ~~ppb~~ ppm
Well Diameter - 4" inches

Measured Depth to Bottom - 31.75 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 30.00 ft BGS
Pre-Pump (Static) Depth to Water - 22.36 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**
1443	-	300							20.20	
1450		250	11.37	0.551	196	15.59	-144	1.46	23.85	
1455		200	11.45	0.557	245	15.40	-145	1.40	23.92	
1500		200	11.43	0.555	239	15.24	-145	1.33	23.94	
1505		100	11.32	0.558	200	14.98	-139	1.07	23.94	
1510		125	11.32	0.558	175	14.94	-139	1.01	23.95	
1515			11.28	0.558	195	14.92	-138	0.95	23.96	
1520			11.23	0.558	170	14.88	-136	0.86	23.98	
1525			11.17	0.560	165	14.87	-134	0.80	23.99	
1530			11.16	0.560	161	14.88	-134	0.77	24.00	
1535			11.12	0.559	120	14.91	-133	0.72	24.00	
1540			11.13	0.556	132	15.00	-132	0.69	24.01	
1545										
1550			11.12	0.552	122	15.03	-131	0.68	24.06	
1555			11.07	0.554	126	15.00	-131	0.67	24.10	
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 - FBW1
Sample Time - 1600
Additional Sample -
Additional Sample ID - _____
DTW After Purging - _____ ft bTOC
DTW at Time of Sampling - _____ ft bTOC
Fe^{2+} (kit) mg/L

Analyses ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~
VOC, TOC, P. Diss, SO_4 NO_3/NO_4, Diss Fe

Notes _____

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - FRW 2

Site Location: Kraft Sag Harbor

Sampling Information

Date (MM/DD/YY) - 03/16/22
Personnel - Andrew Purton
Weather -
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - ppb
Well Diameter - 4" Inches

Measured Depth to Bottom - 28.73 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

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
915	-	250	6.46	0.529	119	12.18	-104	0.53	23.11	
920		250	6.47	0.531	124	12.20	-107	0.48	23.40	
925		250	6.49	0.534	124	12.17	-110	0.47	23.68	
930		200	6.50	0.538	121	12.19	-112	0.45	23.90	
935		170	6.53	0.542	124	12.17	-113	0.36	24.06	
940		170	6.53	0.551	125	12.35	-113	0.31	24.17	
945		170							24.28	
950		170	6.59	0.564	123	12.39	-114	0.20	24.40	
955		170	6.58	0.573	125	12.40	-114	0.14	24.49	
1000		170	6.57	0.595	125	12.52	-114	0.08	24.60	
1005		125	6.57	0.587	113	12.52	-113	0.00	24.61	
1010		125	6.56	0.589	125	12.45	-110	0.00	24.61	
1015		125	6.56	0.592	123	12.58	-109	0.00	24.63	
0:00	SAMPLE	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - FRW2
Sample Time - 1020
Additional Sample - DUP01-20220316
Additional Sample ID -
DTW After Purging - ft bTOC
DTW at Time of Sampling - ft bTOC
Fe^{2+} (kit) mg/L

Analyses - ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~
VOCs, TOC, p diss, SO_4, NO_2, NO_3, diss Fe

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - FRW 3

Site Location - Kraft Sag Harbor

Sampling Information

Date (MM/DD/YY) - 3/15/22
Personnel - M Sweet
Weather - Partly Cloudy 30-50°F
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - 8.6 ppb
Well Diameter - 4" Inches

Measured Depth to Bottom - 28.9 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 21.05 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**
1330	-									
1335		200	6.79	0.758	148	13.75	-122	0.0	22.13	purge
1340		200	6.92	0.758	130	13.72	-126	0.0	22.4	
1345		150	6.86	0.763	114	13.72	-127	0.0	22.55	
1350		150	6.84	0.766	122	13.83	-128	0.0	22.88	
1355		150	6.84	0.759	111	13.86	-128	0.0	22.93	
1400		150	6.84	0.762	115	14.00	-129	0.0	23.2	
1405		125	6.84	0.765	112	13.96	-128	0.0	23.35	
1410		125	6.84	0.769	109	13.88	-126	0.0	23.43	
1415		125	6.84	0.773	113	13.90	-125	0.0	23.5	
1420		125	6.83	0.775	108	13.91	-124	0.0	23.58	
1425										
0:00	***SAMPLE***	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

Sample ID - FRW3
Sample Time - 1425

Appearance at Start -
Appearance After Purging -

Additional Sample -
Additional Sample ID -

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

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

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

Notes - VOC, TOC, P. Diss, SO_4, NO_3/NO_4, Diss Fe

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - FRW 4

Site
Location

Sampling Information

Date (MM/DD/YY) - 03/15/22
Personnel - Andrew Pavlov
Weather - 50° Partly cloudy
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - 0.2 ~~ppb~~ ppm
Well Diameter - 4 inches

Measured Depth to Bottom - 33.13 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 20.45 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**
1245	-	250	11.69	0.432	109	18.11	-126	2.84	21.23	
1250		250	11.80	0.430	101	18.11	-129	2.50	21.29	
1255		250	11.83	0.431	105	18.16	-128	2.37	21.32	
1300		250	11.85	0.432	102	18.22	-128	2.04	21.36	
1305		250	11.89	0.437	103	18.30	-127	1.88	21.39	
1310		250	11.92	0.441	110	18.30	-127	0.68	21.42	
1315		250							21.43	
1320		250	12.06	0.449	126	18.36	-125	0.77	21.45	
1325		250	12.02	0.450	128	18.37	-124	0.72	21.47	
0:00	**SAMPLE**	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - FRW 4
Sample Time - 1330

Notes / Sample Information

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

Additional Sample -
Additional Sample ID -

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

Analyses - ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~
VOCs, TOC, p diss, NO_3, NO_4, SO_4, diss Fe

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW-28A

Site Location - Kraft Sag Harbor

Sampling Information

Date (MM/DD/YY) - 3/15/22
Personnel - M Sweet
Weather - Partly cloudy 30-50 °F
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - 0.0 ~~ppb~~ ppm
Well Diameter - 2 inches

Measured Depth to Bottom - 39.56 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - 38 ft BGS
Pre-Pump (Static) Depth to Water - ~~19.56~~ ft BTOC 18.07
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	-	350								purge
1530		250	6.72	0.272	0.8	13.67	-82	23.73	18.03	
1535		250	6.74	0.271	0.4	13.50	-85	0.29		
1540		250	6.75	0.268	0.0	13.44	-87	0.00	18.03	
1545		250	6.74	0.269	0.0	13.40	-88	0.00	18.03	
1550		250	6.76	0.271	0.0	13.37	-93	0.00	18.04	
1555		250	6.76	0.270	0.0	13.35	-93	0.00	18.04	
1600		250	6.76	0.266	0.0	13.35	-93	0.00	18.04	
1605		250	6.75	0.266	0.0	13.35	-93	0.00	18.04	
1610		250	6.75	0.265	0.0	13.35	-93	0.00	18.04	
1615										sample
0:00	***SAMPLE***	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Notes / Sample Information

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

Sample ID - MW28A
Sample Time - 1615
Additional Sample -
Additional Sample ID -

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

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

VOC

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Site Location: Kraft Sag Harbor

Monitoring Well - MW-28B

Sampling Information

Date (MM/DD/YY) - 3/16/22
Personnel - M. Sinclair
Weather - Clear 30-50°F
Sampling Device -

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

Well Information

Well Vault PID - ppb
Well Casing PID - 0.0 ~~ppb~~ ppm
Well Diameter - 2 Inches

Measured Depth to Bottom - 50.12 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 18.00 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**
0870	–									purge
0835		300	5.92	0.234	0.0	12.35	54	0.00	18.02	
0840		200	6.13	0.231	0.0	12.30	28	0.00	18.02	
0845		200	6.25	0.227	0.0	12.21	10	0.00	18.00	
0850		200	6.22	0.227	0.0	12.18	6	0.00	18.00	
0855		200	6.23	0.223	0.0	12.42	1	0.00	18.0	
0900		200	6.23	0.223	0.0	12.43	0	0.00	18.0	
0905		200	6.24	0.223	0.0	12.54	-1	0.00	18.0	
0910		200	6.24	0.222	0.0	12.64	-2	0.00	18.0	
0915		200	6.25	0.221	0.0	12.69	-2	0.00	18.0	
0920										Sample
0925										
0:00	***SAMPLE***	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - MW-28B
Sample Time - 0920

Notes / Sample Information

Appearance at Start - Clear
Appearance After Purging - Clear

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

Additional Sample -
Additional Sample ID -

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

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

VOC

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW 45A

Site Location - Kraft Sag Harbor

Sampling Information

Date (MM/DD/YY) - 3/14/22
Personnel - M. Sweet
Weather - Clear 30-50°F
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - 0.4 ~~ppb~~ ppm
Well Diameter - 2 inches

Measured Depth to Bottom - 28.94 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 19.84 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**
1305	-									purge
1310		250	5.88	0.241	19.2	12.56	77	0.0	19.64	
1315		250	5.89	0.239	21.0	12.59	67	0.0	19.70	
1320		250	5.92	0.235	21	12.81	49	0.0	19.66	
1325		250	5.94	0.237	20.3	12.99	54	0.0	19.68	
1330		250	5.95	0.233	17.5	12.95	53	0.45	19.68	
1335		250	5.96	0.233	20.6	19.49	55	1.44	19.65	
1340		250	5.96	0.231	11.2	12.97	45	0.37	19.70	
1345										
1350			5.97	0.232	6.8	13.01	32	0.00	19.66	
1355			5.98	0.232	14.3	12.98	39	0.00	19.66	
1400			6.97	0.233	30.0	13.06	39	0.00	19.66	
1405			5.97	0.233	20.4	13.07	43	0.00	19.66	
1410			5.98	0.232	19.5	13.08	42	0.00	19.66	
1415			5.97	0.232	20.7	13.09	48	0.00	19.61	
1420										
0:00	**SAMPLE**	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - MW-45A
Sample Time - 1420

Notes / Sample Information

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

Additional Sample -
Additional Sample ID -

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

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

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW98-01A

Site
Location

Sampling Information

Date (MM/DD/YY) - 03/14/2022
Personnel -
Weather -
Sampling Device - Peristaltic pump

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

Well Information

Well Vault PID - ppm
Well Casing PID - 1.4 ppm
Well Diameter - 2 Inches

Measured Depth to Bottom - ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 22.17 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**
1209	–	250	10.07	0.296	39.3	13.43	-126	0.00	23.4	
1214		250	10.07	0.322	41.5	13.38	-115	0.00	23.45	
1219			10.04	0.304	29.0	13.40	-109	0.00	23.47	
1224			10.03	0.317	25.4	13.44	-108	0.00	23.47	
1229			10.12	0.290	31.4	13.49	-105	0.00	23.47	
1234			10.20	0.283	17.1	13.53	-104	0.00	23.47	
1239										
1244			10.33	0.274	14.1	13.63	-105	0.00	23.44	
1249			10.24	0.288	13.5	13.78	-107	0.00	23.46	
1254			10.26	0.279	13.2	13.93	-108	0.00	23.48	
0:00	***SAMPLE***	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - MW98-01A
Sample Time - 1300

Notes / Sample Information

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

Additional Sample -
Additional Sample ID -
DTW After Purging - ft bTOC
DTW at Time of Sampling - ft bTOC
Fe^{2+} (kit) mg/L

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

Notes VOC, TOC, P. Dist, SO_4, NO_3/NO_2, Diss Fe

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW 9804A

Site Location - Kraft Sag Harbor NY

Sampling Information

Date (MM/DD/YY) - 3/15/22
Personnel - MSmith
Weather -
Sampling Device - peristaltic pump

Pump Controller - peri
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 - 24.89 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

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**
1230	-									
1235		250	5.93	0.276	7.6	12.94	60	0.00	19.76	clear
1240		250	5.97	0.286	19.5	12.91	44	0.0	19.76	
1245		250	5.94	0.282	2.1	12.88	45	0.0	19.76	
1250		250	5.97	0.288	3.0	12.84	46	0.0	19.76	
1255		250	5.96	0.291	1.1	12.86	46	0.0	19.76	
1300		250	5.97	0.296	0.0	12.84	46	0.0	19.76	clear
1305		250	6.01	0.305	0.0	12.82	37	0.0	19.76	
1310		250	6.01	0.302	0.0	12.81	37	0.0	19.76	
1315		250	6.01	0.303	0.0	12.81	36	0.0	19.76	
1320										sample
0:00	**SAMPLE**	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

Sample ID - MW 9804
Sample Time - ~~1440~~ 1320

Notes / Sample Information

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

Additional Sample -
Additional Sample ID -

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

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

Notes

RAMBOLL

Low Flow Groundwater Sampling Field Log

Monitoring Well - MW9805AR

Site
Location

Sampling Information

Date (MM/DD/YY) - 03/15/22
Personnel - Andrew Poulos
Weather - 50's, partly cloudy
Sampling Device - peristaltic pump

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

Well Information

Well Vault PID - ppb
Well Casing PID - 2.4 ppb ppm
Well Diameter - 2 Inches

Measured Depth to Bottom - 26.64 ft BTOC
Screened Zone - ft BGS
Depth to Pump Intake - ft BGS
Pre-Pump (Static) Depth to Water - 21.49 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**
1425	-	250	11.83	0.572	123	15.15	-114	0.41	22.34	
1430		250	11.52	0.532	119	14.97	-96	0.15	22.34	
1435		250	11.40	0.530	50.7	14.86	-93	0.05	22.35	
1440		250	11.34	0.529	32.5	14.76	-91	0.00	22.37	
1445		250							22.39	
1450		250	11.42	0.564	28.3	14.59	-97	0.00	22.40	
1455		250	11.35	0.522	29.2	14.58	-88	0.00	22.40	
1500		250	11.31	0.528	29.4	14.57	-87	0.00	22.40	
1505		250	11.27	0.510	23.0	14.54	-85	0.00	22.40	
1510		250	11.25	0.514	26.6	14.45	-84	0.00	22.40	
1515		250	11.24	0.525	16.6	14.38				
1520		250	11.14	0.503	17.3	14.23	-75	0.00	22.43	
1525		250	11.34	0.510	11.9	14.27	-86	0.00	22.43	
1530		250	11.33	0.507	16.8	14.26	-85	0.00	22.43	
1535		250	11.35	0.510	15.3	14.24	-87	0.00	22.43	
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
Sample Time - 1600
Additional Sample -
Additional Sample ID -

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

Analyses - ~~TAL Metals (dissolved); Alkalinity; Chloride; Chemical Oxygen Demand; Total Dissolved Solids (TDS); Hardness; Nitrogen and Sulfate~~ VOC, TOC, p dist, NO_3, NO_4, SO_4, dissFe

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: 03/25/2022
Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind
York Project (SDG) No.: 22C0920

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 03/25/2022
Client Project ID: 1690016505 Kraft Sag Harbor/Frmr Rowe Ind
York Project (SDG) No.: 22C0920

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 March 16, 2022 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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22C0920-01	FRW1-220314	Water	03/14/2022	03/16/2022
22C0920-02	MW98-01A-220314	Water	03/14/2022	03/16/2022
22C0920-03	MW45A-220314	Water	03/14/2022	03/16/2022
22C0920-04	MW98-04A-220315	Water	03/15/2022	03/16/2022
22C0920-05	FRW3-220315	Water	03/15/2022	03/16/2022
22C0920-06	MW28A-220315	Water	03/15/2022	03/16/2022
22C0920-07	MW9805AR-220315	Water	03/15/2022	03/16/2022
22C0920-08	FRW4-220315	Water	03/15/2022	03/16/2022
22C0920-09	MW28B-220316	Water	03/16/2022	03/16/2022
22C0920-10	FB01-220316	Water	03/16/2022	03/16/2022
22C0920-11	FRW2-220316	Water	03/16/2022	03/16/2022
22C0920-12	DUP01-220316	Water	03/16/2022	03/16/2022
22C0920-13	TB01-220316	Water	03/16/2022	03/16/2022
22C0920-14	TB02-220316	Water	03/16/2022	03/16/2022

General Notes for York Project (SDG) No.: 22C0920

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:** 03/25/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: FRW1-220314 **York Sample ID:** 22C0920-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW1-220314 **York Sample ID:** 22C0920-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	**Acetone**	**37**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	**Carbon disulfide**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW1-220314 **York Sample ID:** 22C0920-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	**Ethyl Benzene**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	**o-Xylene**	**2.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	**p- & m- Xylenes**	**1.1**		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15	PD
622-96-8	*** p-Ethyltoluene**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	**Toluene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:15 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW1-220314 **York Sample ID:** 22C0920-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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**	**2.0**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 12:15	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
1330-20-7	**Xylenes, Total**	**3.3**		ug/L	0.60	1.5	1	EPA 8260C	03/17/2022 09:00	03/17/2022 12:15	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*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	03/17/2022 09:00	03/17/2022 12:15	PD
								Certifications:			

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**	**11000**		ug/L	200	20	GC/Headspace	03/24/2022 09:12	03/24/2022 11:11	RB
							Certifications:			
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace	03/24/2022 09:12	03/24/2022 11:11	RB
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace	03/24/2022 09:12	03/24/2022 11:11	RB
							Certifications:			

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**	**137**		mg/L	0.278	1	EPA 200.7	03/22/2022 10:06	03/22/2022 15:33	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	03/16/2022 16:02	03/17/2022 08:31	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: FRW1-220314 **York Sample ID:** 22C0920-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 4:00 pm	03/16/2022

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**11.4**		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: MW98-01A-220314 **York Sample ID:** 22C0920-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 1:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	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	03/17/2022 09:00	03/17/2022 12:40	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40	PD

Sample Information

Client Sample ID: MW98-01A-220314 **York Sample ID:** 22C0920-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 1:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	**2-Butanone**	**3.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	**Acetone**	**3.0**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW98-01A-220314 **York Sample ID:** 22C0920-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 1:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	**cis-1,2-Dichloroethylene**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40	PD

Sample Information

Client Sample ID: MW98-01A-220314 **York Sample ID:** 22C0920-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 1:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 12:40	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 12:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.2 %*	*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:	03/17/2022 09:00	03/17/2022 12:40	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**	**8900**		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 11:33	RB

Sample Information

Client Sample ID: MW98-01A-220314 **York Sample ID:** 22C0920-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 1:00 pm	03/16/2022

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
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 11:33	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 11:33	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**	**27.8**		mg/L	0.278	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2022 10:06	03/22/2022 15:36	KT

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**	**8.12**		mg/L	1.00	1	EPA 300.0 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/16/2022 16:02	03/17/2022 08:52	ZTS

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**10.8**		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: MW45A-220314 **York Sample ID:** 22C0920-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 2:20 pm	03/16/2022

Sample Information

Client Sample ID: MW45A-220314 **York Sample ID:** 22C0920-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 2:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW45A-220314 **York Sample ID:** 22C0920-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 2:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW45A-220314 **York Sample ID:** 22C0920-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 2:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	**Methylene chloride**	**1.5**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW45A-220314 **York Sample ID:** 22C0920-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 14, 2022 2:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 13:06	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.9 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*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:	03/17/2022 09:00	03/17/2022 13:06	PD

Sample Information

Client Sample ID: MW98-04A-220315 **York Sample ID:** 22C0920-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 13:32	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD

Sample Information

Client Sample ID: MW98-04A-220315 **York Sample ID:** 22C0920-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
67-64-1	**Acetone**	**1.3**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 13:32	PD

Sample Information

Client Sample ID: MW98-04A-220315 **York Sample ID:** 22C0920-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	**cis-1,2-Dichloroethylene**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	**Methylene chloride**	**1.3**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD

Sample Information

Client Sample ID: MW98-04A-220315 **York Sample ID:** 22C0920-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:20 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	**Tetrachloroethylene**	**4.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	**Trichloroethylene**	**0.62**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	**Vinyl Chloride**	**2.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.7 %*	*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:	03/17/2022 09:00	03/17/2022 13:32	PD

Sample Information

Client Sample ID: FRW3-220315 **York Sample ID:** 22C0920-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 2:25 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 13:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW3-220315 **York Sample ID:** 22C0920-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 2:25 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**11**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	**2-Hexanone**	**14**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**11**		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.32**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**0.82**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FRW3-220315 **York Sample ID:** 22C0920-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 2:25 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.50**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	**Vinyl Chloride**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FRW3-220315 **York Sample ID:** 22C0920-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 2:25 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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**	**0.88**	J	ug/L	0.60	1.5	1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*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
NA	**Cyclohexanone, ethyl isomer**	**5.2**	J	ug/L			1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:			
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	03/17/2022 09:00	03/17/2022 13:57	PD
								Certifications:			

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**	**6600**		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 11:52	RB
							Certifications:			
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 11:52	RB
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 11:52	RB
							Certifications:			

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	0.278	1	EPA 200.7	03/22/2022 10:06	03/22/2022 15:39	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	03/16/2022 16:02	03/17/2022 09:12	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: FRW3-220315 **York Sample ID:** 22C0920-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 2:25 pm	03/16/2022

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**144**		mg/L	5.00	5	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: MW28A-220315 **York Sample ID:** 22C0920-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	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	03/17/2022 09:00	03/17/2022 14:23	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23	PD

Sample Information

Client Sample ID: MW28A-220315 **York Sample ID:** 22C0920-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 14:23	PD

Sample Information

Client Sample ID: MW28A-220315 **York Sample ID:** 22C0920-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23	PD

Sample Information

Client Sample ID: MW28A-220315 **York Sample ID:** 22C0920-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 14:23	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.5 %*	*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:	03/17/2022 09:00	03/17/2022 14:23	PD

Sample Information

Client Sample ID: MW9805AR-220315 **York Sample ID:** 22C0920-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 14:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW9805AR-220315 **York Sample ID:** 22C0920-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**6.4**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	**2-Hexanone**	**1.9**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**12**		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: MW9805AR-220315 **York Sample ID:** 22C0920-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.46**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:			
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	**Trichloroethylene**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **MW9805AR-220315** **York Sample ID:** **22C0920-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:00 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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**	**0.85**	J	ug/L	0.60	1.5	1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*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
NA	**2-nonanone**	**5.1**	J	ug/L			1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:			
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C	03/17/2022 09:00	03/17/2022 14:48	PD
								Certifications:			

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**	**7200**		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:09	RB
							Certifications:			
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:09	RB
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:09	RB
							Certifications:			

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**	**97.0**		mg/L	0.278	1	EPA 200.7	03/22/2022 10:06	03/22/2022 15:47	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	03/16/2022 16:02	03/17/2022 09:32	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: MW9805AR-220315 **York Sample ID:** 22C0920-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 4:00 pm	03/16/2022

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**69.8**		mg/L	5.00	5	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: FRW4-220315 **York Sample ID:** 22C0920-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:30 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	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	03/17/2022 09:00	03/17/2022 15:14	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14	PD

Sample Information

Client Sample ID: FRW4-220315 **York Sample ID:** 22C0920-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:30 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	**Acetone**	**1.9**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW4-220315 **York Sample ID:** 22C0920-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:30 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	**cis-1,2-Dichloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	**o-Xylene**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14	PD

Sample Information

Client Sample ID: FRW4-220315 **York Sample ID:** 22C0920-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:30 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:14	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
108-88-3	**Toluene**	**1.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 15:14	PD
1330-20-7	**Xylenes, Total**	**1.4**	J	ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 15:14	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*81-117*
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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:14	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

Sample Information

Client Sample ID: FRW4-220315 **York Sample ID:** 22C0920-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 15, 2022 1:30 pm	03/16/2022

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**	**12000**		ug/L	100	10	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 12:25	RB
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 12:25	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 12:25	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**	**91.4**		mg/L	0.278	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2022 10:06	03/22/2022 15:50	KT

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	03/16/2022 16:02	03/17/2022 09:53	ZTS

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**11.4**		mg/L	1.00	1	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: MW28B-220316 **York Sample ID:** 22C0920-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 9:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW28B-220316 **York Sample ID:** 22C0920-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 9:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW28B-220316 **York Sample ID:** 22C0920-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 9:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 15:40 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: MW28B-220316 **York Sample ID:** 22C0920-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 9:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 15:40	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*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:	03/17/2022 09:00	03/17/2022 15:40	PD

Sample Information

Client Sample ID: FB01-220316 **York Sample ID:** 22C0920-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:00 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 16:06	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD

Sample Information

Client Sample ID: FB01-220316 **York Sample ID:** 22C0920-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:00 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:06	PD

Sample Information

Client Sample ID: FB01-220316 **York Sample ID:** 22C0920-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:00 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	**Methylene chloride**	**3.4**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD

Sample Information

Client Sample ID: FB01-220316 **York Sample ID:** 22C0920-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:00 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.5 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.9 %*	*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:	03/17/2022 09:00	03/17/2022 16:06	PD

Methane, Ethane & Ethylene

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: FB01-220316 **York Sample ID:** 22C0920-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:00 am	03/16/2022

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:	03/24/2022 09:12	03/24/2022 12:33	RB
74-84-0	* Ethane	ND		ug/L	10	1	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 12:33	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	10	1	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 12:33	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	0.278	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2022 10:06	03/22/2022 15:53	KT

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	03/16/2022 16:02	03/17/2022 10:56	ZTS

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	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:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**15**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	**2-Hexanone**	**4.7**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**18**		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	**Benzene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.91**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.59**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**0.26**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	**Vinyl Chloride**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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**	**1.1**	J	ug/L	0.60	1.5	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 *Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*69-130*
2037-26-5 *Surrogate: SURR: Toluene-d8*	*98.5 %*	*81-117*
460-00-4 *Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*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	03/17/2022 09:00	03/17/2022 16:31	PD
								Certifications:			

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**	**8200**		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:48	RB
							Certifications:			
74-84-0	* Ethane	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:48	RB
							Certifications:			
74-85-1	* Ethylene (Ethene)	ND		ug/L	100	10	GC/Headspace	03/24/2022 09:12	03/24/2022 12:48	RB
							Certifications:			

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**	**180**		mg/L	0.278	1	EPA 200.7	03/22/2022 10:06	03/22/2022 15:56	KT
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sulfate as SO4

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	ND		mg/L	1.00	1	EPA 300.0	03/16/2022 16:02	03/17/2022 11:16	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

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

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: FRW2-220316 **York Sample ID:** 22C0920-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**122**		mg/L	5.00	5	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: DUP01-220316 **York Sample ID:** 22C0920-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57	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	03/17/2022 09:00	03/17/2022 16:57	PD

Sample Information

Client Sample ID: DUP01-220316 **York Sample ID:** 22C0920-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	**2-Butanone**	**20**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	**2-Hexanone**	**5.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	**Acetone**	**23**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	**Benzene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: DUP01-220316 **York Sample ID:** 22C0920-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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**	**0.96**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	**cis-1,2-Dichloroethylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	**o-Xylene**	**0.61**		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**0.52**	J	ug/L	0.50	1.0	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**0.28**	J	ug/L	0.20	0.50	1	EPA 8260C	03/17/2022 09:00	03/17/2022 16:57	PD
								Certifications:			

Sample Information

Client Sample ID: DUP01-220316 **York Sample ID:** 22C0920-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
108-88-3	**Toluene**	**2.6**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
75-01-4	**Vinyl Chloride**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 16:57	PD
1330-20-7	**Xylenes, Total**	**1.1**	J	ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 16:57	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*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
TIC1005	**2-heptanone**	**5.6**	J	ug/L			1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57	PD
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 16:57	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

Sample Information

Client Sample ID: DUP01-220316 **York Sample ID:** 22C0920-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 10:20 am	03/16/2022

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**	**17000**		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 13:15	RB
74-84-0	* Ethane	ND		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 13:15	RB
74-85-1	* Ethylene (Ethene)	ND		ug/L	200	20	GC/Headspace Certifications:	03/24/2022 09:12	03/24/2022 13:15	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**	**221**		mg/L	0.278	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2022 10:06	03/22/2022 15:59	KT

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	03/16/2022 16:02	03/17/2022 11:36	ZTS

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	03/23/2022 15:42	03/23/2022 15:47	LRW

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)	**147**		mg/L	5.00	5	SM 5310C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	03/18/2022 08:20	03/18/2022 13:17	JAG

Sample Information

Client Sample ID: TB01-220316 **York Sample ID:** 22C0920-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 11:23	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD

Sample Information

Client Sample ID: TB01-220316 **York Sample ID:** 22C0920-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: TB01-220316 **York Sample ID:** 22C0920-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/17/2022 11:23	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/17/2022 11:23	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:23	PD

Sample Information

Client Sample ID: TB01-220316 **York Sample ID:** 22C0920-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 11:23	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*81-117*
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
	Tentatively Identified Compounds	0.0		ug/L			1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:23	PD

Sample Information

Client Sample ID: TB02-220316 **York Sample ID:** 22C0920-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 11:49	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD

Sample Information

Client Sample ID: TB02-220316 **York Sample ID:** 22C0920-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: TB02-220316 **York Sample ID:** 22C0920-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	PD

Sample Information

Client Sample ID: TB02-220316 **York Sample ID:** 22C0920-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22C0920	1690016505 Kraft Sag Harbor/Frmr Rowe Ind	Water	March 16, 2022 1:15 pm	03/16/2022

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by 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:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/17/2022 11:49	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00	03/17/2022 11:49	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/17/2022 11:49	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/17/2022 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/17/2022 11:49	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.0 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.7 %*	*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:	03/17/2022 09:00	03/17/2022 11:49	PD

Analytical Batch Summary

Batch ID: BC22385 **Preparation Method:** EPA 5030B **Prepared By:** CLG

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/17/22
22C0920-02	MW98-01A-220314	03/17/22
22C0920-03	MW45A-220314	03/17/22
22C0920-04	MW98-04A-220315	03/17/22
22C0920-05	FRW3-220315	03/17/22
22C0920-06	MW28A-220315	03/17/22
22C0920-07	MW9805AR-220315	03/17/22
22C0920-08	FRW4-220315	03/17/22
22C0920-09	MW28B-220316	03/17/22
22C0920-10	FB01-220316	03/17/22
22C0920-11	FRW2-220316	03/17/22
22C0920-12	DUP01-220316	03/17/22
22C0920-13	TB01-220316	03/17/22
22C0920-14	TB02-220316	03/17/22
BC22385-BLK1	Blank	03/17/22
BC22385-BS1	LCS	03/17/22
BC22385-BSD1	LCS Dup	03/17/22

Batch ID: BC22434 **Preparation Method:** EPA 300 **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/16/22
22C0920-02	MW98-01A-220314	03/16/22
22C0920-05	FRW3-220315	03/16/22
22C0920-07	MW9805AR-220315	03/16/22
22C0920-08	FRW4-220315	03/16/22
22C0920-10	FB01-220316	03/16/22
22C0920-11	FRW2-220316	03/16/22
22C0920-12	DUP01-220316	03/16/22
BC22434-BLK1	Blank	03/16/22
BC22434-BS1	LCS	03/16/22
BC22434-DUP1	Duplicate	03/16/22
BC22434-MS1	Matrix Spike	03/16/22
BC22434-MS2	Matrix Spike	03/16/22

Batch ID: BC22465 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/18/22
22C0920-02	MW98-01A-220314	03/18/22
22C0920-05	FRW3-220315	03/18/22
22C0920-07	MW9805AR-220315	03/18/22
22C0920-08	FRW4-220315	03/18/22
22C0920-10	FB01-220316	03/18/22
22C0920-11	FRW2-220316	03/18/22

22C0920-12	DUP01-220316	03/18/22
BC22465-BLK1	Blank	03/18/22
BC22465-BS1	LCS	03/18/22
BC22465-DUP1	Duplicate	03/18/22
BC22465-MS1	Matrix Spike	03/18/22

Batch ID: BC22665 **Preparation Method:** EPA 200.7 **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/22/22
22C0920-02	MW98-01A-220314	03/22/22
22C0920-05	FRW3-220315	03/22/22
22C0920-07	MW9805AR-220315	03/22/22
22C0920-08	FRW4-220315	03/22/22
22C0920-10	FB01-220316	03/22/22
22C0920-11	FRW2-220316	03/22/22
22C0920-12	DUP01-220316	03/22/22
BC22665-BLK1	Blank	03/22/22
BC22665-BS1	LCS	03/22/22
BC22665-DUP1	Duplicate	03/22/22
BC22665-MS1	Matrix Spike	03/22/22
BC22665-PS1	Post Spike	03/22/22

Batch ID: BC22788 **Preparation Method:** EPA 300 **Prepared By:** LRW

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/23/22
22C0920-02	MW98-01A-220314	03/23/22
22C0920-05	FRW3-220315	03/23/22
22C0920-07	MW9805AR-220315	03/23/22
22C0920-08	FRW4-220315	03/23/22
22C0920-10	FB01-220316	03/23/22
22C0920-11	FRW2-220316	03/23/22
22C0920-12	DUP01-220316	03/23/22
BC22788-BLK1	Blank	03/23/22
BC22788-BS1	LCS	03/23/22

Batch ID: BC22832 **Preparation Method:** Preparation for GC Analysis **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
22C0920-01	FRW1-220314	03/24/22
22C0920-02	MW98-01A-220314	03/24/22
22C0920-05	FRW3-220315	03/24/22
22C0920-07	MW9805AR-220315	03/24/22
22C0920-08	FRW4-220315	03/24/22
22C0920-10	FB01-220316	03/24/22
22C0920-11	FRW2-220316	03/24/22
22C0920-12	DUP01-220316	03/24/22
BC22832-BLK1	Blank	03/24/22
BC22832-DUP1	Duplicate	03/24/22


YORK
ANALYTICAL LABORATORIES INC

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 BC22385 - EPA 5030B											
Blank (BC22385-BLK1)											Prepared & Analyzed: 03/17/2022
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
Batch BC22385 - EPA 5030B											
Blank (BC22385-BLK1)								Prepared & Analyzed: 03/17/2022			
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	*9.64*		*"*	*10.0*		*96.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*79-122*				
LCS (BC22385-BS1)								Prepared & Analyzed: 03/17/2022			
1,1,1,2-Tetrachloroethane	9.50		ug/L	10.0		95.0	82-126				
1,1,1-Trichloroethane	9.91		"	10.0		99.1	78-136				
1,1,2,2-Tetrachloroethane	9.65		"	10.0		96.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.18		"	10.0		91.8	82-123				
1,1-Dichloroethane	9.71		"	10.0		97.1	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	9.73		"	10.0		97.3	83-133				
1,2,3-Trichlorobenzene	9.86		"	10.0		98.6	76-136				
1,2,3-Trichloropropane	9.29		"	10.0		92.9	77-128				
1,2,4,5-Tetramethylbenzene	10.0		"	10.0		100	85-140				
1,2,4-Trichlorobenzene	9.99		"	10.0		99.9	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	8.51		"	10.0		85.1	45-147				
1,2-Dibromoethane	9.27		"	10.0		92.7	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	9.15		"	10.0		91.5	73-132				
1,2-Dichloropropane	9.81		"	10.0		98.1	78-126				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131				
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122				
1,3-Dichloropropane	8.97		"	10.0		89.7	81-125				
1,4-Dichlorobenzene	10.0		"	10.0		100	85-124				
2,2-Dichloropropane	10.9		"	10.0		109	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
Batch BC22385 - EPA 5030B											
LCS (BC22385-BS1)								Prepared & Analyzed: 03/17/2022			
2-Butanone	7.78		ug/L	10.0		77.8	49-152				
2-Chlorotoluene	10.8		"	10.0		108	79-130				
2-Hexanone	7.61		"	10.0		76.1	51-146				
4-Chlorotoluene	10.4		"	10.0		104	79-128				
4-Methyl-2-pentanone	8.59		"	10.0		85.9	57-145				
Acetone	5.11		"	10.0		51.1	14-150				
Benzene	9.92		"	10.0		99.2	85-126				
Bromobenzene	9.71		"	10.0		97.1	78-129				
Bromochloromethane	9.30		"	10.0		93.0	77-128				
Bromodichloromethane	9.38		"	10.0		93.8	79-128				
Bromoform	9.01		"	10.0		90.1	78-133				
Bromomethane	9.54		"	10.0		95.4	43-168				
Carbon disulfide	11.1		"	10.0		111	68-146				
Carbon tetrachloride	10.4		"	10.0		104	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	9.74		"	10.0		97.4	82-128				
Chloromethane	12.7		"	10.0		127	43-155				
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	83-129				
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	80-131				
Dibromochloromethane	9.07		"	10.0		90.7	80-130				
Dibromomethane	8.96		"	10.0		89.6	72-134				
Dichlorodifluoromethane	16.4		"	10.0		164	44-144	High Bias			
Ethyl Benzene	10.3		"	10.0		103	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	11.0		"	10.0		110	76-140				
Methyl tert-butyl ether (MTBE)	8.91		"	10.0		89.1	76-135				
Methylene chloride	10.3		"	10.0		103	55-137				
Naphthalene	9.54		"	10.0		95.4	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	17.9		"	20.0		89.6	77-133				
p-Diethylbenzene	10.4		"	10.0		104	84-134				
p-Ethyltoluene	10.8		"	10.0		108	88-129				
p-Isopropyltoluene	10.7		"	10.0		107	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	9.67		"	10.0		96.7	67-132				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	6.42		"	10.0		64.2	82-131	Low Bias			
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	9.95		"	10.0		99.5	80-132				
trans-1,3-Dichloropropylene	9.14		"	10.0		91.4	78-131				
Trichloroethylene	9.86		"	10.0		98.6	82-128				
Trichlorofluoromethane	12.8		"	10.0		128	67-139				
Vinyl Chloride	13.0		"	10.0		130	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.20*		*"*	*10.0*		*92.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC22385 - EPA 5030B											
LCS Dup (BC22385-BSD1)								Prepared & Analyzed: 03/17/2022			
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126		0.528	30	
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136		2.39	30	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	76-129		6.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	54-165		1.94	30	
1,1,2-Trichloroethane	9.66		"	10.0		96.6	82-123		5.10	30	
1,1-Dichloroethane	9.76		"	10.0		97.6	82-129		0.514	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		0.188	30	
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133		1.03	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		2.31	30	
1,2,3-Trichloropropane	9.82		"	10.0		98.2	77-128		5.55	30	
1,2,4,5-Tetramethylbenzene	9.81		"	10.0		98.1	85-140		2.12	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		1.39	30	
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	82-132		3.46	30	
1,2-Dibromo-3-chloropropane	9.23		"	10.0		92.3	45-147		8.12	30	
1,2-Dibromoethane	9.74		"	10.0		97.4	83-124		4.94	30	
1,2-Dichlorobenzene	9.89		"	10.0		98.9	79-123		0.303	30	
1,2-Dichloroethane	9.80		"	10.0		98.0	73-132		6.86	30	
1,2-Dichloropropane	9.87		"	10.0		98.7	78-126		0.610	30	
1,3,5-Trimethylbenzene	9.91		"	10.0		99.1	80-131		3.67	30	
1,3-Dichlorobenzene	9.79		"	10.0		97.9	86-122		2.62	30	
1,3-Dichloropropane	9.37		"	10.0		93.7	81-125		4.36	30	
1,4-Dichlorobenzene	9.85		"	10.0		98.5	85-124		1.51	30	
2,2-Dichloropropane	10.9		"	10.0		109	56-150		0.458	30	
2-Butanone	8.97		"	10.0		89.7	49-152		14.2	30	
2-Chlorotoluene	10.4		"	10.0		104	79-130		4.04	30	
2-Hexanone	8.20		"	10.0		82.0	51-146		7.46	30	
4-Chlorotoluene	10.0		"	10.0		100	79-128		4.20	30	
4-Methyl-2-pentanone	9.50		"	10.0		95.0	57-145		10.1	30	
Acetone	6.00		"	10.0		60.0	14-150		16.0	30	
Benzene	10.0		"	10.0		100	85-126		1.20	30	
Bromobenzene	9.60		"	10.0		96.0	78-129		1.14	30	
Bromochloromethane	10.1		"	10.0		101	77-128		8.05	30	
Bromodichloromethane	9.53		"	10.0		95.3	79-128		1.59	30	
Bromoform	10.0		"	10.0		100	78-133		10.9	30	
Bromomethane	12.4		"	10.0		124	43-168		25.8	30	
Carbon disulfide	11.2		"	10.0		112	68-146		0.808	30	
Carbon tetrachloride	10.5		"	10.0		105	77-141		0.574	30	
Chlorobenzene	10.3		"	10.0		103	88-120		0.772	30	
Chloroethane	11.3		"	10.0		113	65-136		0.704	30	
Chloroform	10.0		"	10.0		100	82-128		2.63	30	
Chloromethane	12.9		"	10.0		129	43-155		1.41	30	
cis-1,2-Dichloroethylene	9.79		"	10.0		97.9	83-129		2.59	30	
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	80-131		1.91	30	
Dibromochloromethane	9.61		"	10.0		96.1	80-130		5.78	30	
Dibromomethane	9.36		"	10.0		93.6	72-134		4.37	30	
Dichlorodifluoromethane	16.3		"	10.0		163	44-144	High Bias	0.490	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		1.56	30	
Hexachlorobutadiene	10.4		"	10.0		104	67-146		2.00	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		4.10	30	
Methyl tert-butyl ether (MTBE)	9.51		"	10.0		95.1	76-135		6.51	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC22385 - EPA 5030B											
LCS Dup (BC22385-BSD1)								Prepared & Analyzed: 03/17/2022			
Methylene chloride	10.8		ug/L	10.0		108	55-137		4.64	30	
Naphthalene	9.92		"	10.0		99.2	70-147		3.91	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		4.37	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		4.37	30	
o-Xylene	10.2		"	10.0		102	78-130		0.196	30	
p- & m- Xylenes	17.6		"	20.0		88.0	77-133		1.91	30	
p-Diethylbenzene	10.0		"	10.0		100	84-134		4.01	30	
p-Ethyltoluene	10.3		"	10.0		103	88-129		4.36	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		3.80	30	
sec-Butylbenzene	10.4		"	10.0		104	79-137		4.42	30	
Styrene	9.69		"	10.0		96.9	67-132		0.207	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		3.65	30	
Tetrachloroethylene	6.29		"	10.0		62.9	82-131	Low Bias	2.05	30	
Toluene	9.99		"	10.0		99.9	80-127		1.49	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		0.801	30	
trans-1,3-Dichloropropylene	9.58		"	10.0		95.8	78-131		4.70	30	
Trichloroethylene	9.74		"	10.0		97.4	82-128		1.22	30	
Trichlorofluoromethane	12.6		"	10.0		126	67-139		1.34	30	
Vinyl Chloride	13.0		"	10.0		130	58-145		0.00	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.92*		*"*	*10.0*		*99.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.82*		*"*	*10.0*		*98.2*	*79-122*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC22832 - Preparation for GC Analysis											
Blank (BC22832-BLK1)								Prepared & Analyzed: 03/24/2022			
Methane	ND	10	ug/L								
Ethane	ND	10	"								
Ethylene (Ethene)	ND	10	"								
Duplicate (BC22832-DUP1)	*Source sample: 22C0920-01 (FRW1-220314)							Prepared & Analyzed: 03/24/2022			
Methane	imits for the Duplic	200	ug/L		11000				35.1	35	Non-dir.
Ethane	ND	200	"		ND					35	
Ethylene (Ethene)	ND	200	"		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 BC22665 - EPA 200.7											
Blank (BC22665-BLK1)								Prepared & Analyzed: 03/22/2022			
Iron - Dissolved	ND	0.278	mg/L								
LCS (BC22665-BS1)								Prepared & Analyzed: 03/22/2022			
Iron - Dissolved	1.03		ug/mL	1.00		103	85-115				
Duplicate (BC22665-DUP1)	*Source sample: 22C0920-12 (DUP01-220316)							Prepared & Analyzed: 03/22/2022			
Iron - Dissolved	190	0.278	mg/L		221				15.1	20	
Matrix Spike (BC22665-MS1)	*Source sample: 22C0920-12 (DUP01-220316)							Prepared & Analyzed: 03/22/2022			
Iron - Dissolved	196	0.278	mg/L	1.11	221	NR	75-125	Low Bias			
Post Spike (BC22665-PS1)	*Source sample: 22C0920-12 (DUP01-220316)							Prepared & Analyzed: 03/22/2022			
Iron - Dissolved	171		ug/mL	1.00	199	NR	75-125	Low Bias			

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 BC22434 - EPA 300											
Blank (BC22434-BLK1)								Prepared: 03/16/2022 Analyzed: 03/17/2022			
Sulfate	ND	1.00	mg/L								
LCS (BC22434-BS1)								Prepared: 03/16/2022 Analyzed: 03/17/2022			
Sulfate	10.7	1.00	mg/L	10.0		107	85-115				
Duplicate (BC22434-DUP1)	*Source sample: 22C0933-01 (Duplicate)							Prepared: 03/16/2022 Analyzed: 03/17/2022			
Sulfate	14.5	1.00	mg/L		14.4				0.453	15	
Matrix Spike (BC22434-MS1)	*Source sample: 22C0933-01 (Matrix Spike)							Prepared: 03/16/2022 Analyzed: 03/17/2022			
Sulfate	21.5	1.00	mg/L	10.0	14.4	71.4	85-115	Low Bias			
Matrix Spike (BC22434-MS2)	*Source sample: 22C0933-02 (Matrix Spike)							Prepared: 03/16/2022 Analyzed: 03/17/2022			
Sulfate	82.2	1.00	mg/L	10.0	81.1	10.8	85-115	Low Bias			

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
Batch BC22465 - Analysis Preparation											
Blank (BC22465-BLK1)								Prepared & Analyzed: 03/18/2022			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BC22465-BS1)								Prepared & Analyzed: 03/18/2022			
Total Organic Carbon (TOC)	84.5	1.00	mg/L	83.0		102	79.5-125.1				
Duplicate (BC22465-DUP1)	*Source sample: 22C0920-01 (FRW1-220314)							Prepared & Analyzed: 03/18/2022			
Total Organic Carbon (TOC)	11.8	1.00	mg/L		11.4				3.27	20	
Matrix Spike (BC22465-MS1)	*Source sample: 22C0920-01 (FRW1-220314)							Prepared & Analyzed: 03/18/2022			
Total Organic Carbon (TOC)	33.9	1.00	mg/L	20.0	11.4	112	70-130				
Batch BC22788 - EPA 300											
Blank (BC22788-BLK1)								Prepared & Analyzed: 03/23/2022			
Nitrate + Nitrite Nitrogen as N	ND	0.0500	mg/L								
LCS (BC22788-BS1)								Prepared & Analyzed: 03/23/2022			
Nitrate + Nitrite Nitrogen as N	21.3	0.0500	mg/L				90-110				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22C0920-01	FRW1-220314	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-02	MW98-01A-220314	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-03	MW45A-220314	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-04	MW98-04A-220315	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-05	FRW3-220315	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-06	MW28A-220315	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-07	MW9805AR-220315	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-08	FRW4-220315	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-09	MW28B-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-10	FB01-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-11	FRW2-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-12	DUP01-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-13	TB01-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22C0920-14	TB02-220316	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

Z-01	The RPD exceeded the control limits for the Duplicate used due to the presence of headspace in the native sample
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.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.

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.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

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

YORK Project No.: 22C0920

YOUR Information	Report To:	Invoice To:
Company: Ramboll US Consulting	Company: Ramboll US Consulting	Company: Ramboll US Consulting
Address: 101 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
Phone: (201) 575-1715	Phone: (267) 901-0127	Phone: (267) 901-0127
Contact: Matthew Sweet	Contact: Mark Mejac	Contact: Mark Mejac
E-mail: msweet@ramboll.com	E-mail: mmejac@ramboll.com	E-mail: mmejac@ramboll.com

YOUR Project Number: 1690016505

YOUR Project Name: Kraft Sag Harbor / Frmr Rowe Ind

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matthew Sweet

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS 4 File
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in) NYSDEC AWQS

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
FRW1-220314	GW	3/14/22 1600	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles
MW98-01A-220314	GW	3/14/22 1300	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles
MW45A-220314	GW	3/14/22 1420	VOC	3 vials
MW98-04A-220315	GW	3/15/22 1320	VOC	3 vials
FRW3-220315	GW	3/15/22 1425	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles
MW28A-220315	GW	3/15/22 1615	VOC	3 vials
MW98DSAR-220315	GW	3/15/22 1600	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles
FRW4-220315	GW	3/15/22 1330	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles
MW28B-220316	GW	3/16/22 0920	VOC	3 vials
FB01-220316	GW	3/16/22 1000	VOC, TOC, P.Dist, SO_4, NO_3/NO_4, Diss Fe	11 bottles

Comments: Send Equis 4 File to edd.princeton@ramboll.com
* Lab Filter Diss Fe * Run NO_3/NO_4 together Method 300

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl X | MeOH ___ | HNO3 ___ | H2SO4 ___ | NaOH ___
ZnAc ___ | Ascorbic Acid ___ | Other: ___

Special Instruction

Field Filtered
Lab to Filter X

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	3/16/22 1150	KBarbyork	3/16/22 1150	KBarbyork 3/16/22	1750
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlock	3/16/22 1750 / 1.4 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

YORK Project No. 22C0920

YOUR Information	Report To:	Invoice To:
Company: Ramboll US Consulting	Ramboll US Consulting	Ramboll US Consulting
Address: 101 Carnegie Ctr 200 Princeton NJ 08540	234 W Florida St, 5th Flr Milwaukee WI, 53204	234 W Florida St, 5th Flr Milwaukee WI, 53204
Phone: (201) 575-1715	(267) 901-0127	(267) 901-0127
Contact: Matthew Sweet	Mark Mejac	Mark Mejac
E-mail: msweet@ramboll.com	mmejac@ramboll.com	mmejac@ramboll.com

YOUR Project Number: 1690016505

YOUR Project Name: Kraft Sag Harbor Frmr Rowe Ind

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Matthew Sweet

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other:	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
		Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
NYSDEC AWQS

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
FRW2-220316	GW	3/16/22 1020	VOC, TOC, P, Dis F, SO_4, NO_3/NO_4, Dis Fe	11 bottles
DUP01-220316	GW	3/16/22 1020	VOC, TOC, P Dis F, SO_4, NO_3/NO_4, Dis Fe	4 bottles
TB01-220316	WQ	3/16/22 MA	VOC	3 vials
TB02-220316	WQ	3/16/22 MA	VOC	3 vials

Comments: Sent EQuIS & File to eddprinceton@ramboll.com
X Lab Filter Diss Fe X Run NO_3/NO_4 together Method 300

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl X MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	3/16/22 115 pm	KBakyork	3/16/22 115 pm	KBakyork 3/16/22	1750
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlackyork 3/16/22 1750	1.4 Degrees C

APPENDIX C

DATA VALIDATION REPORT

RAMBOLL

ENVIRONMENT
& HEALTH

MEMORANDUM

To: **File**

From: **Mitchell Levenhagen**

Subject: **Data Validation, Sample Delivery Group (SDG) 22C0920, March 2022 Groundwater Samples Obtained from the Former Rowe Industries Superfund Site**

April 22, 2022

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Ref. 1690016505

Introduction

A total of twelve groundwater samples (including one duplicate sample and one field blank sample) were collected from the former Rowe Industries Superfund Site in Sag Harbor, New York between March 14 through March 16, 2022. 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. Six of the groundwater samples from the Former Drum Storage Area (FDSA) were also analyzed for methane, ethane, and ethene by USEPA Method 8015; 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.

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 as appropriate where 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/Limit of Quantification (RL/LOQ) but greater than or equal to the Method Detection Limit/Limit of Detection (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, two trip blanks (TB01-220316 and TB02-220316) were analyzed for VOCs and one duplicate (DUP01-220316) and one field blank (FB01-220316) 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 (FB01-220316) contained methylene chloride at a concentration of 3.4 micrograms per liter (µg/L).

Field precision is measured by the collection of duplicate samples. The objectives for field precision are relative percent differences (RPDs) of 30% for aqueous samples, provided that both the initial and field duplicate results are greater than five times the respective RLs. When one of both of the field duplicate sample results are below five times the RL, satisfactory precision is achieved if the sample results agree within 2.5 times the RL for aqueous samples. The analytical results from the duplicate sample (DUP01-220316) and its co-located sample (FRW2-220316) met the applicable RPD objectives for all parameters except for methane.

Data qualifiers used for the sample delivery group quality control data are as follows:

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 Laboratory Control Sample (LCS) and site-specific Matrix Spike/Matrix Spike Duplicate (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.

Batch blank duplicate sample BC22832-DUP1 included in SDG 22C0920 had one analyte (methane) flagged with the "Non-dir." Qualifier.

Several parameters were flagged as having either a low or high bias in one or more LCS and/or LCS duplicate samples. Dichlorodifluoromethane was flagged as having a high bias and tetrachloroethene (PCE) was flagged as having a low bias in the following samples: LCS sample (BC22385-BS1) and LCS duplicate sample BC22385-BSD1. Dissolved iron was flagged as having a low bias in Matrix Spike sample BC22665-MS1 and Post Spike sample BC22665-PS1). Sulfate was flagged as having a low bias in Matrix Spike sample BC22434-MS1 and Matrix Spike sample BC22434-MS2.

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.

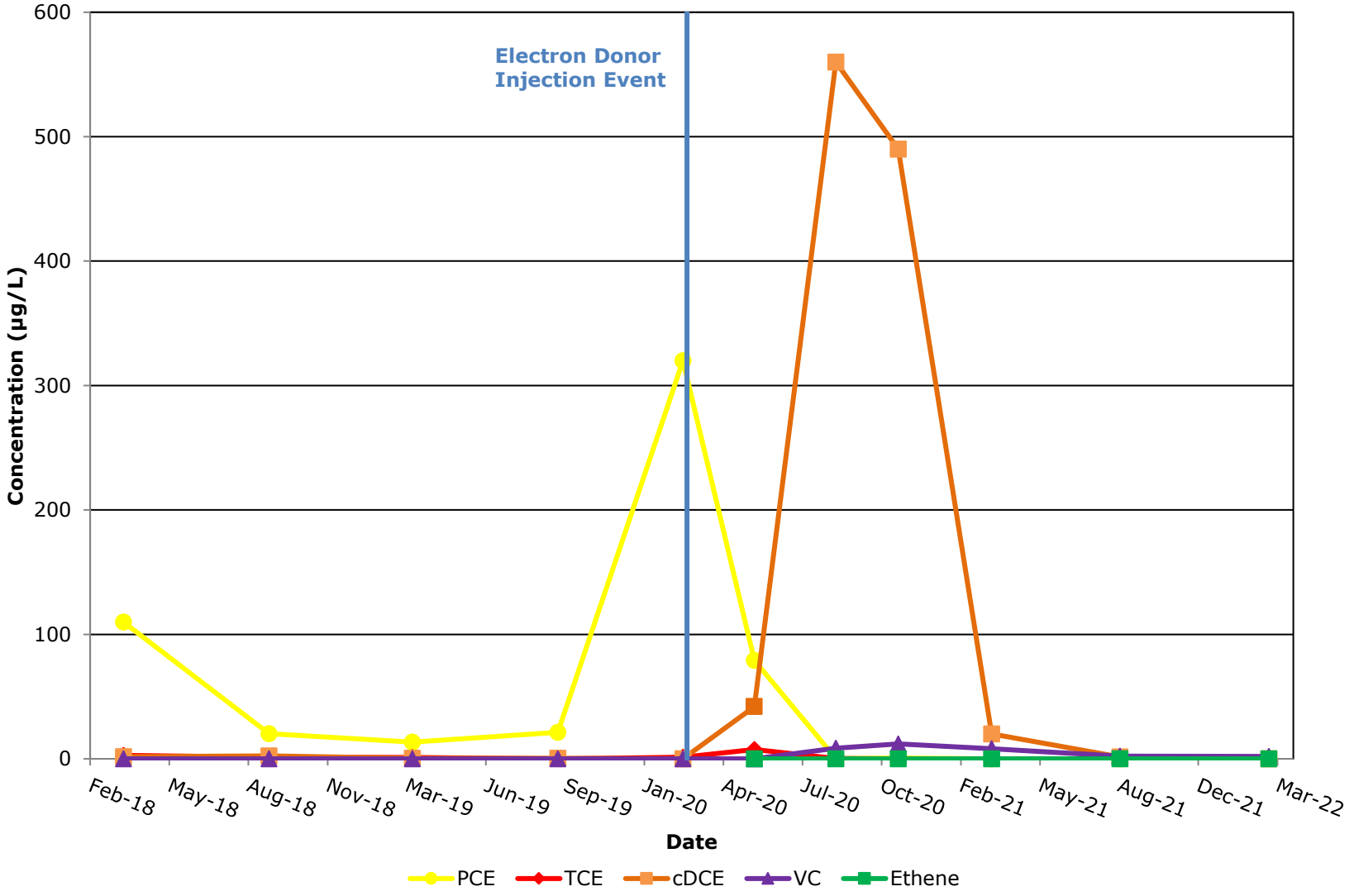
Conclusions

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

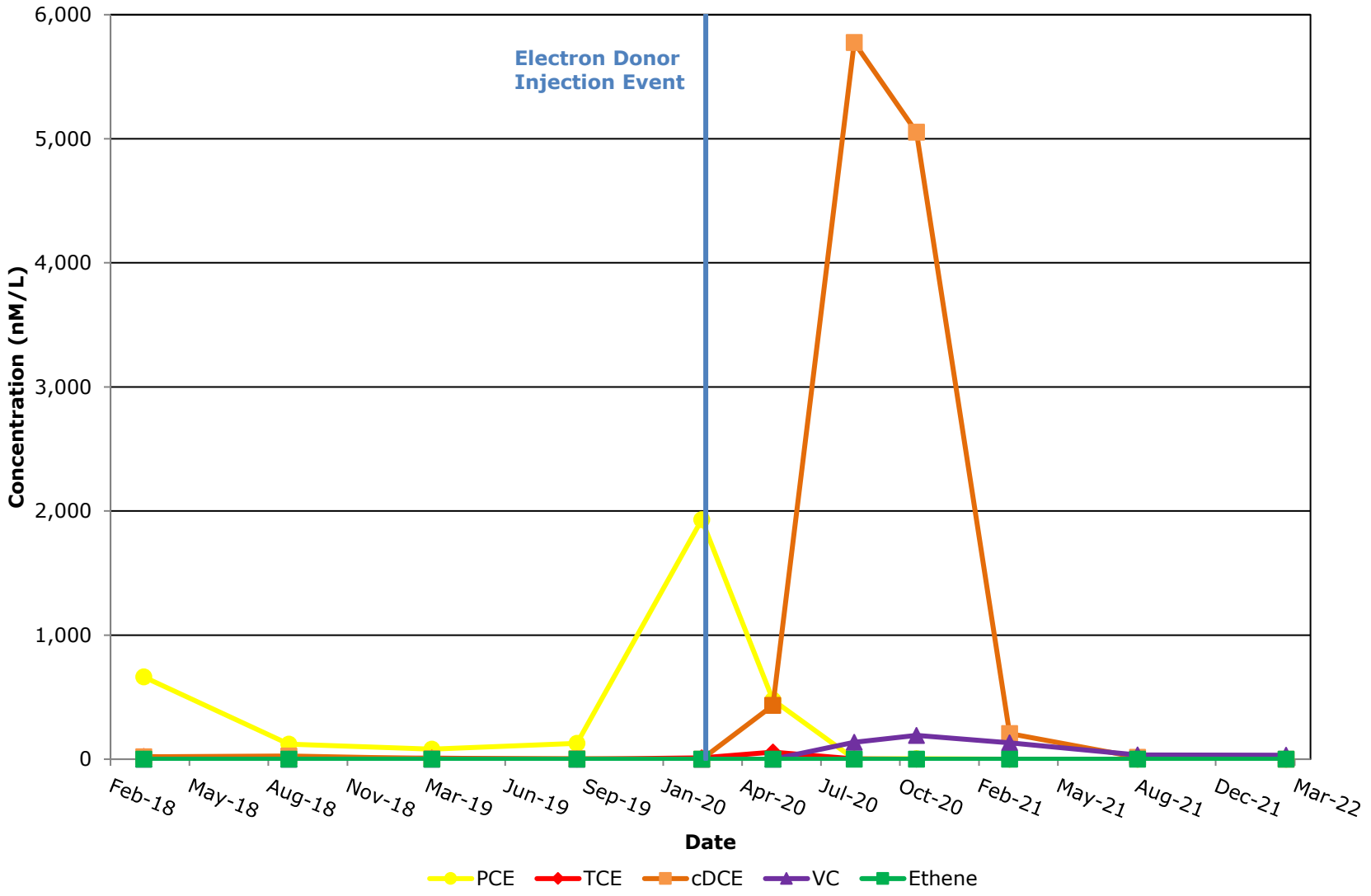
MASS CONCENTRATION, MOLAR CONCENTRATION AND MOLAR FRACTION CHARTS

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



RAMBOLL

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



RAMBOLL

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

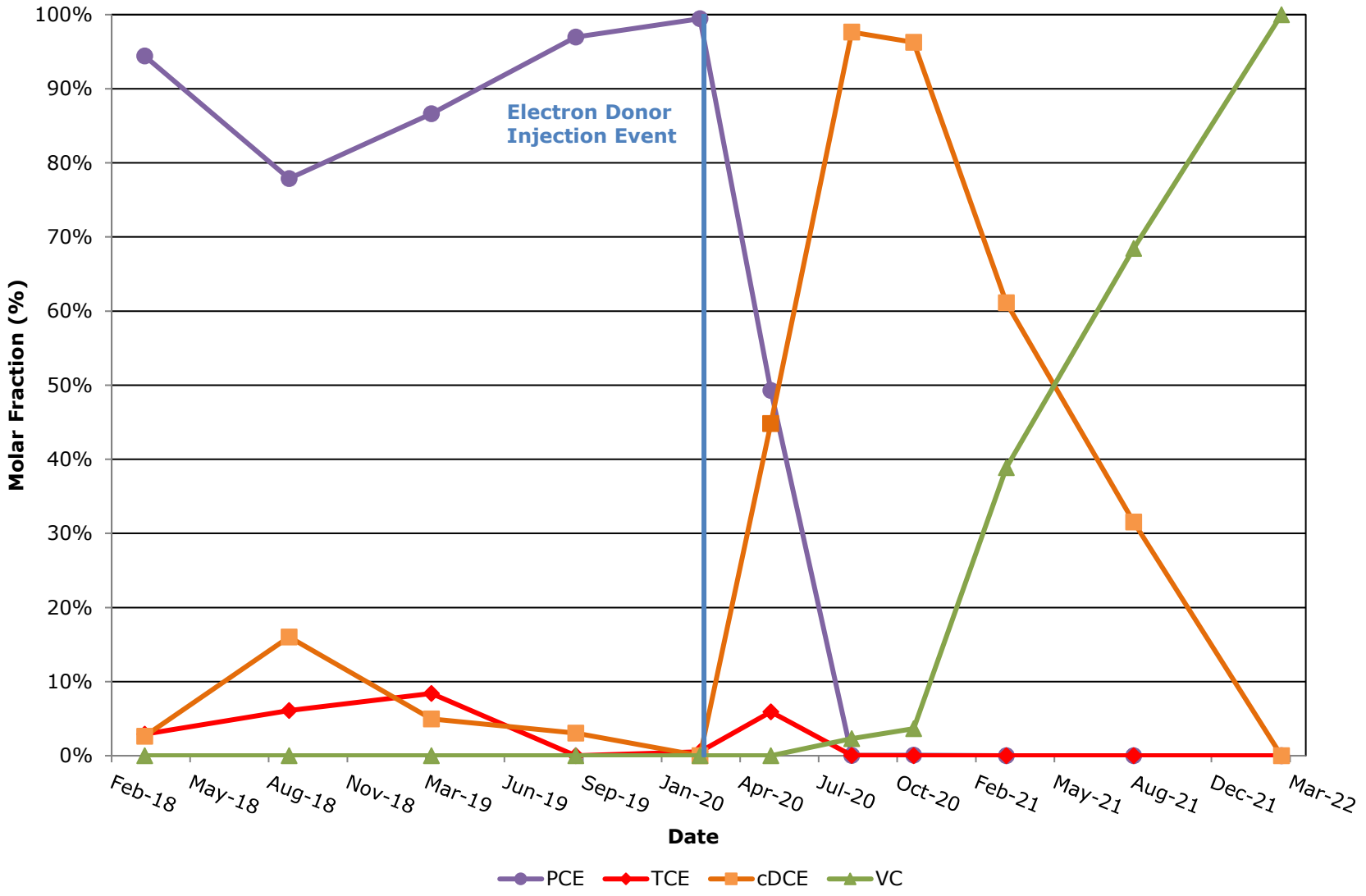


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Figure D-4: Concentrations of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York

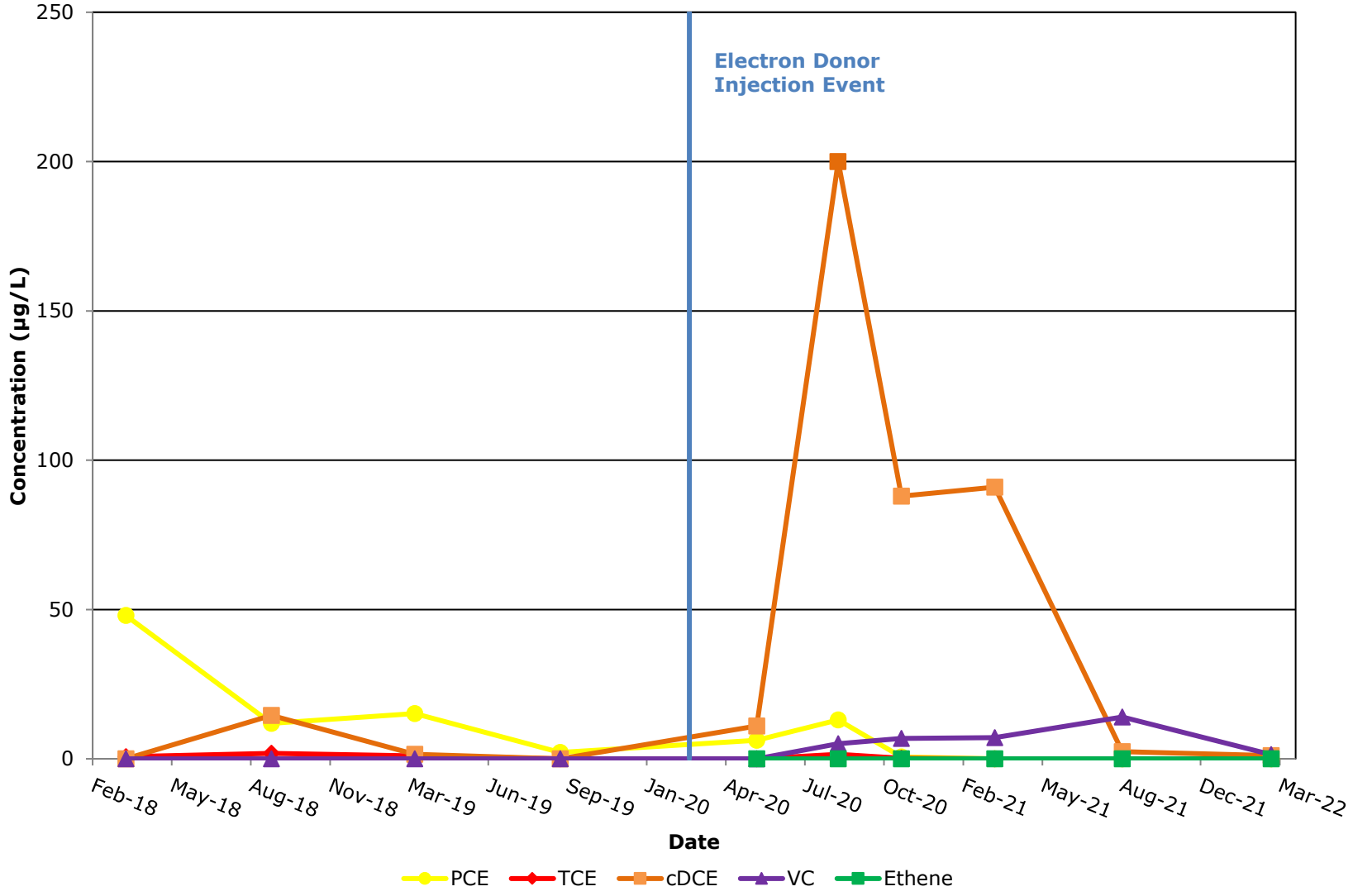

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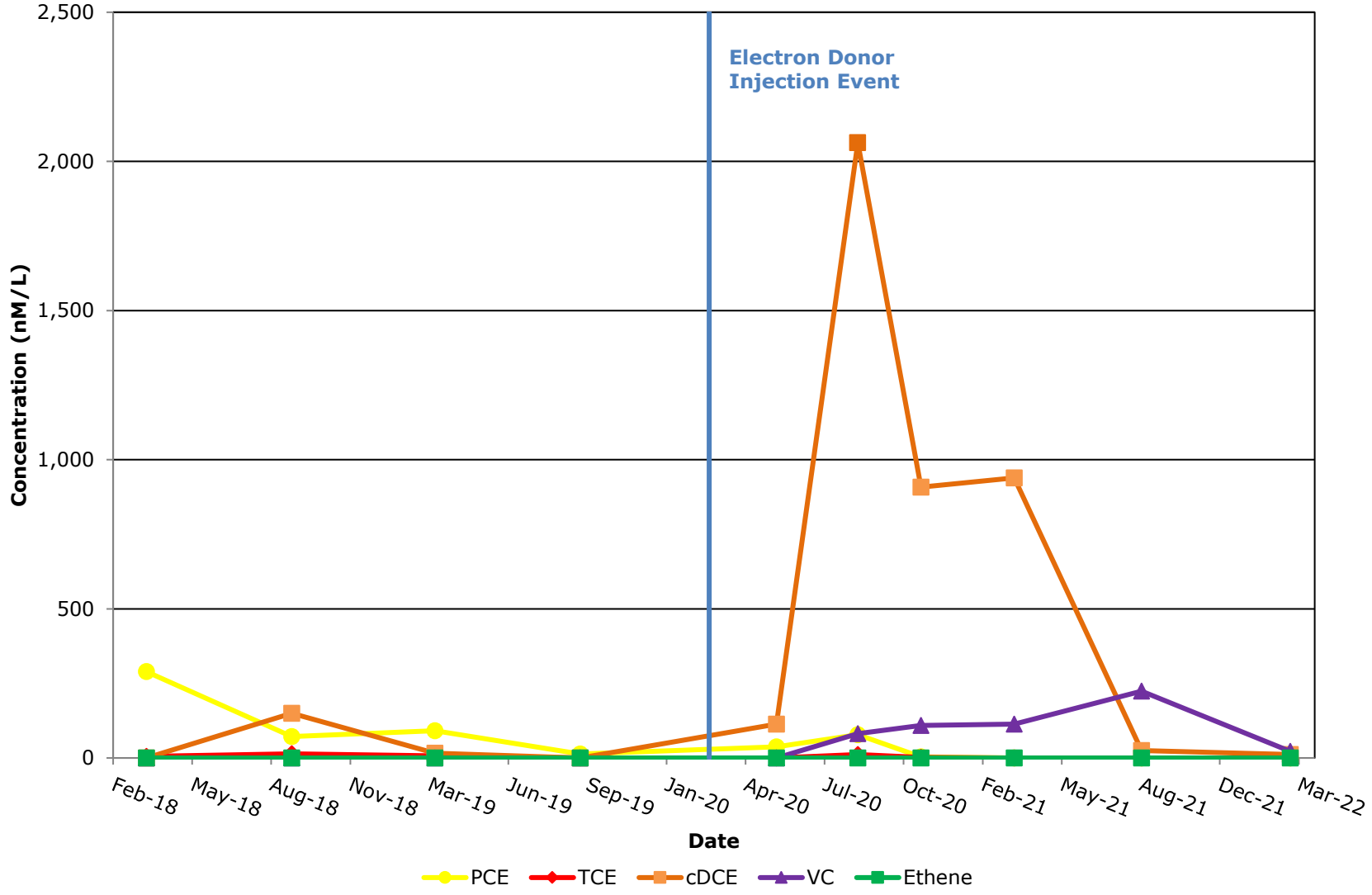
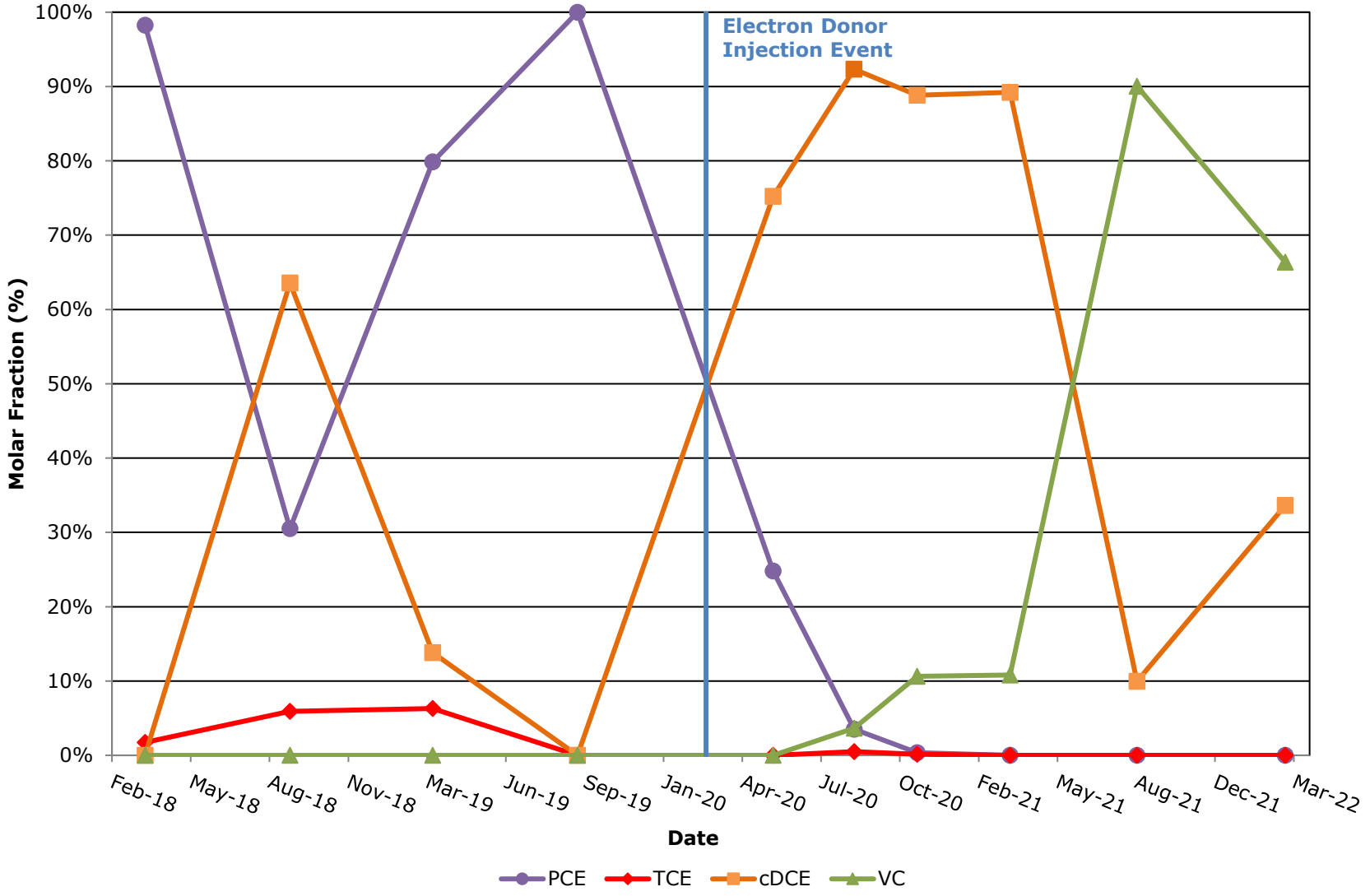
Figure D-5: Molar Concentrations of VOCs at Well FRW-2
Rowe Industries Site - Sag Harbor, New York



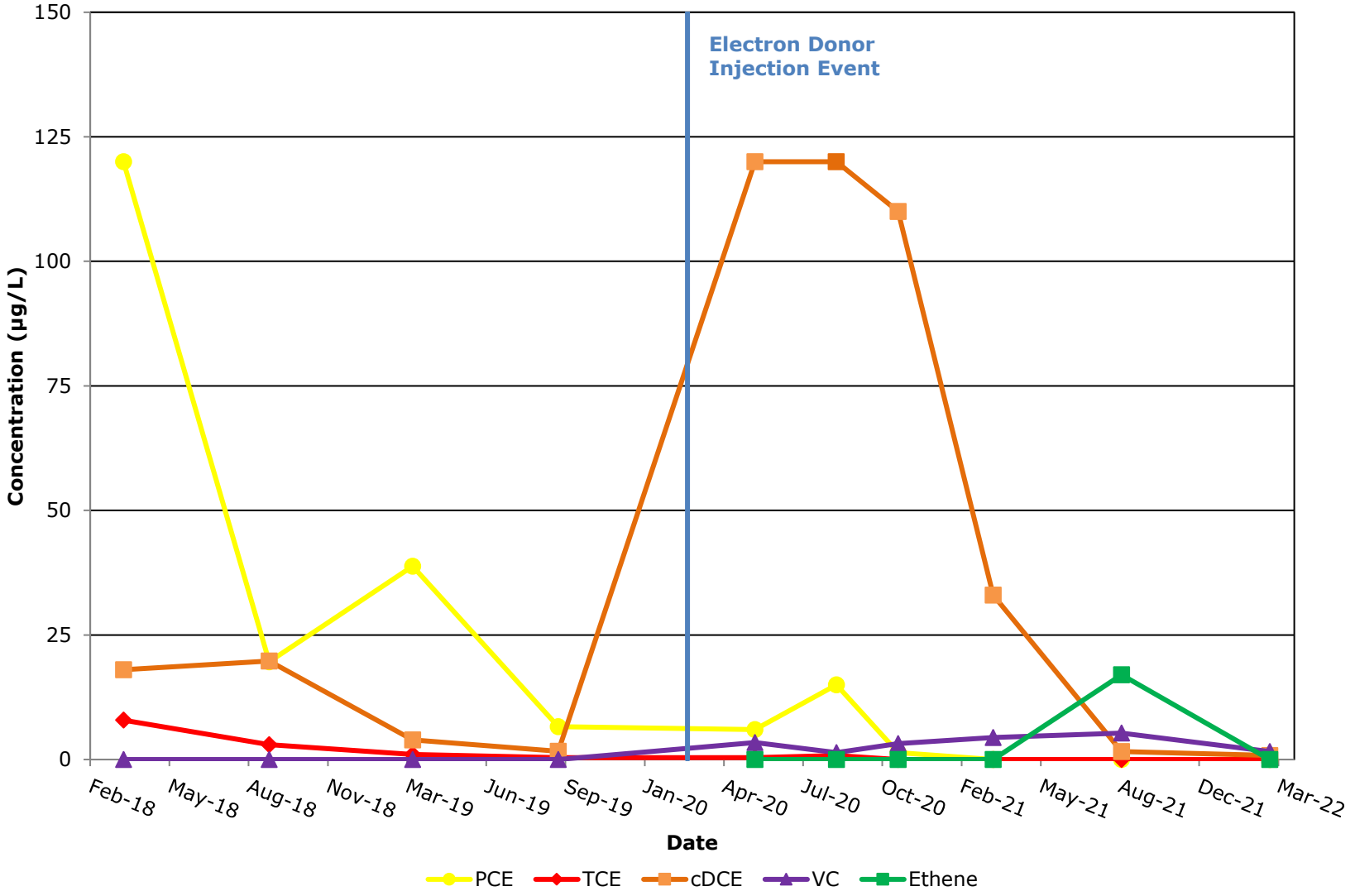
RAMBOLL

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



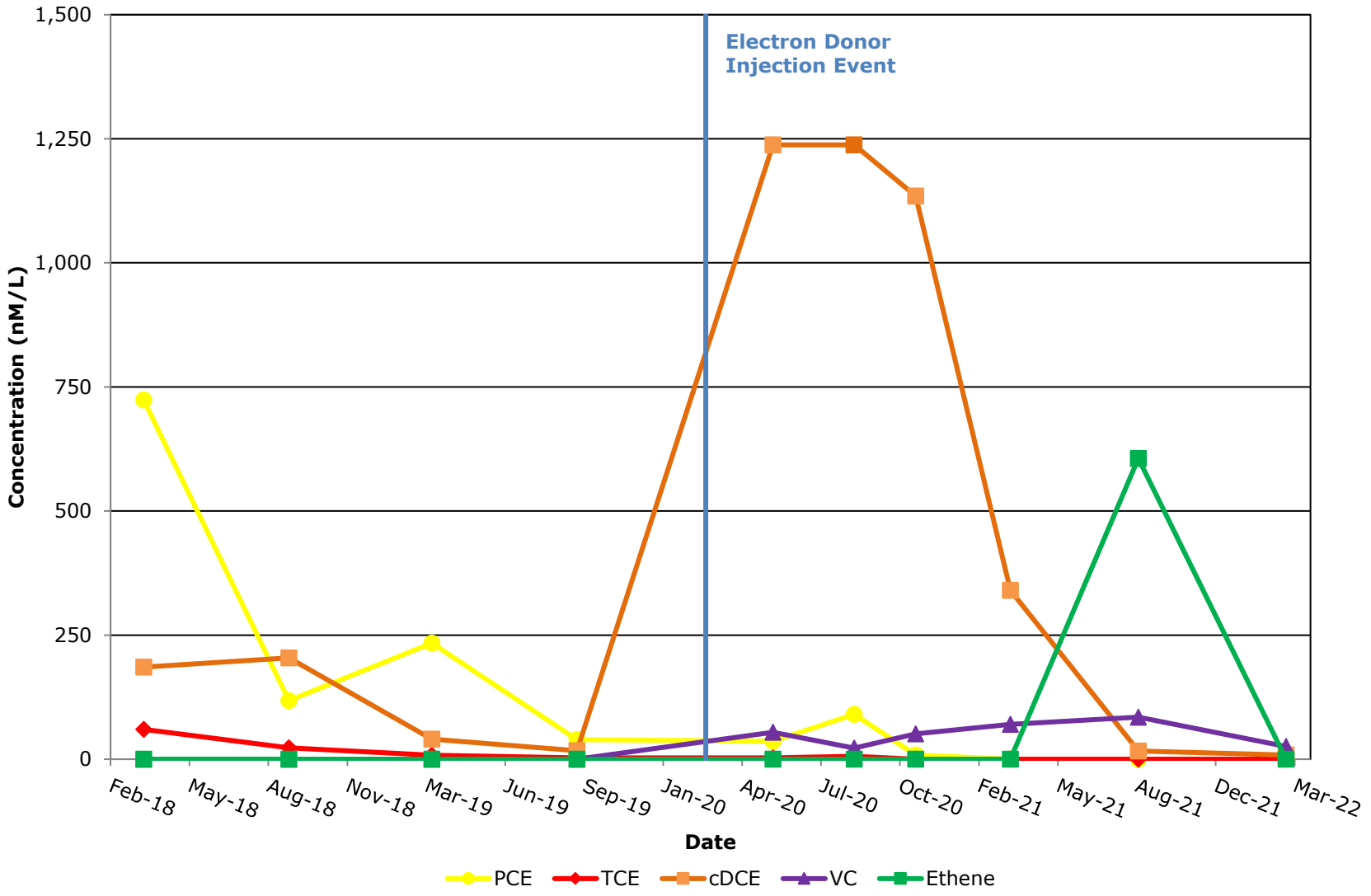
RAMBOLL

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



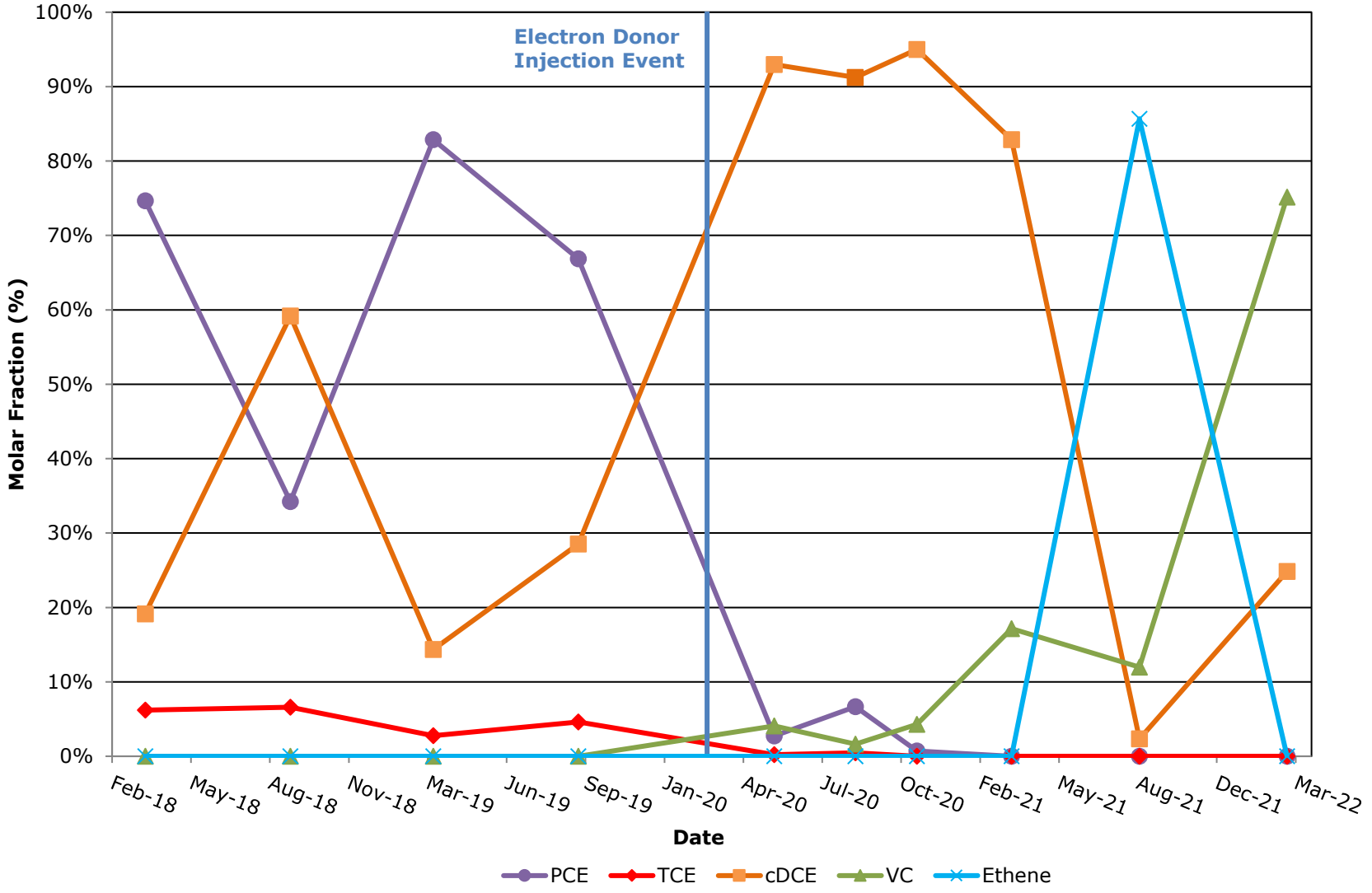
RAMBOLL

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



RAMBOLL

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



RAMBOLL

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

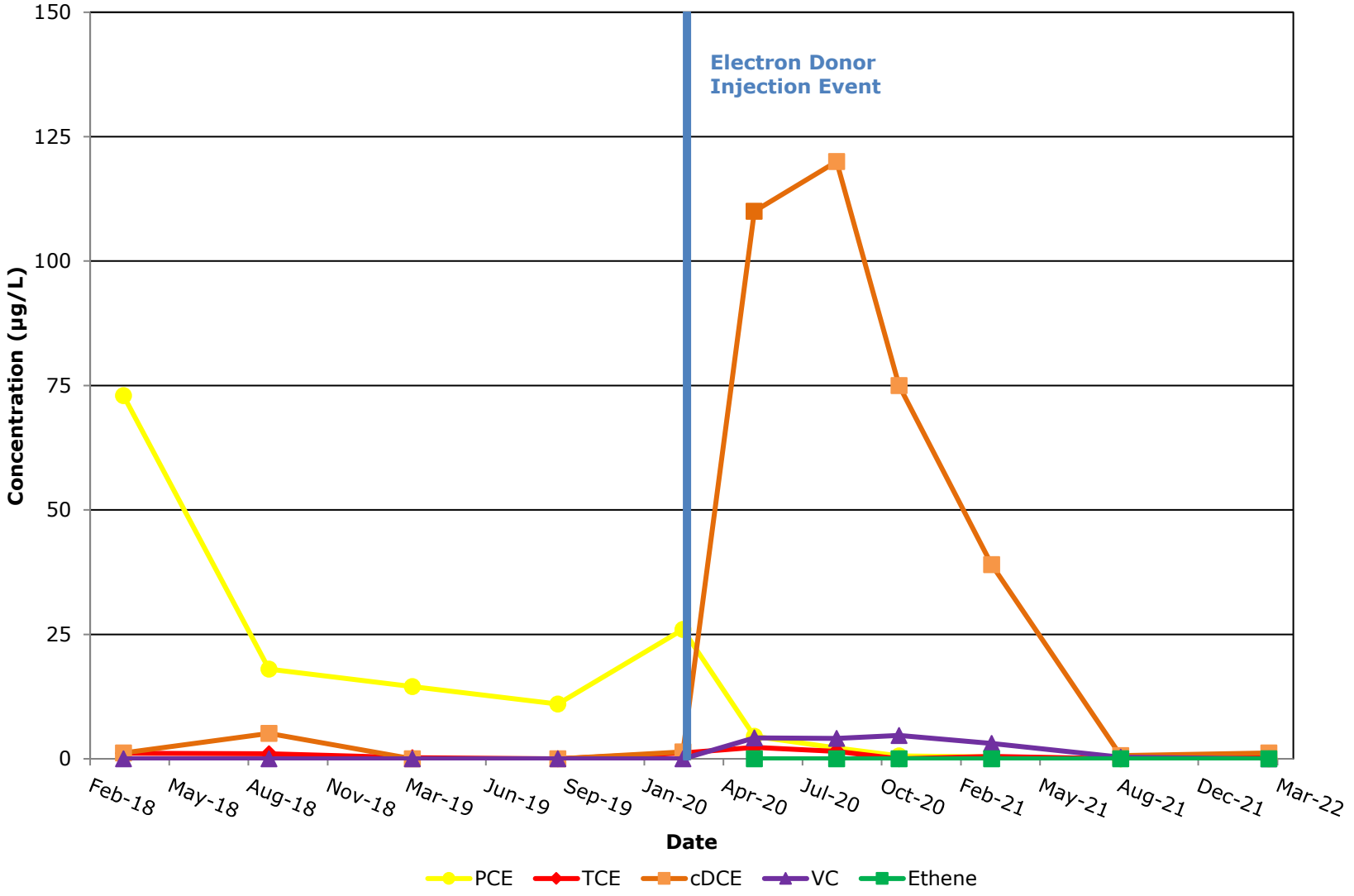


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Figure D-11: Molar Concentrations of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York

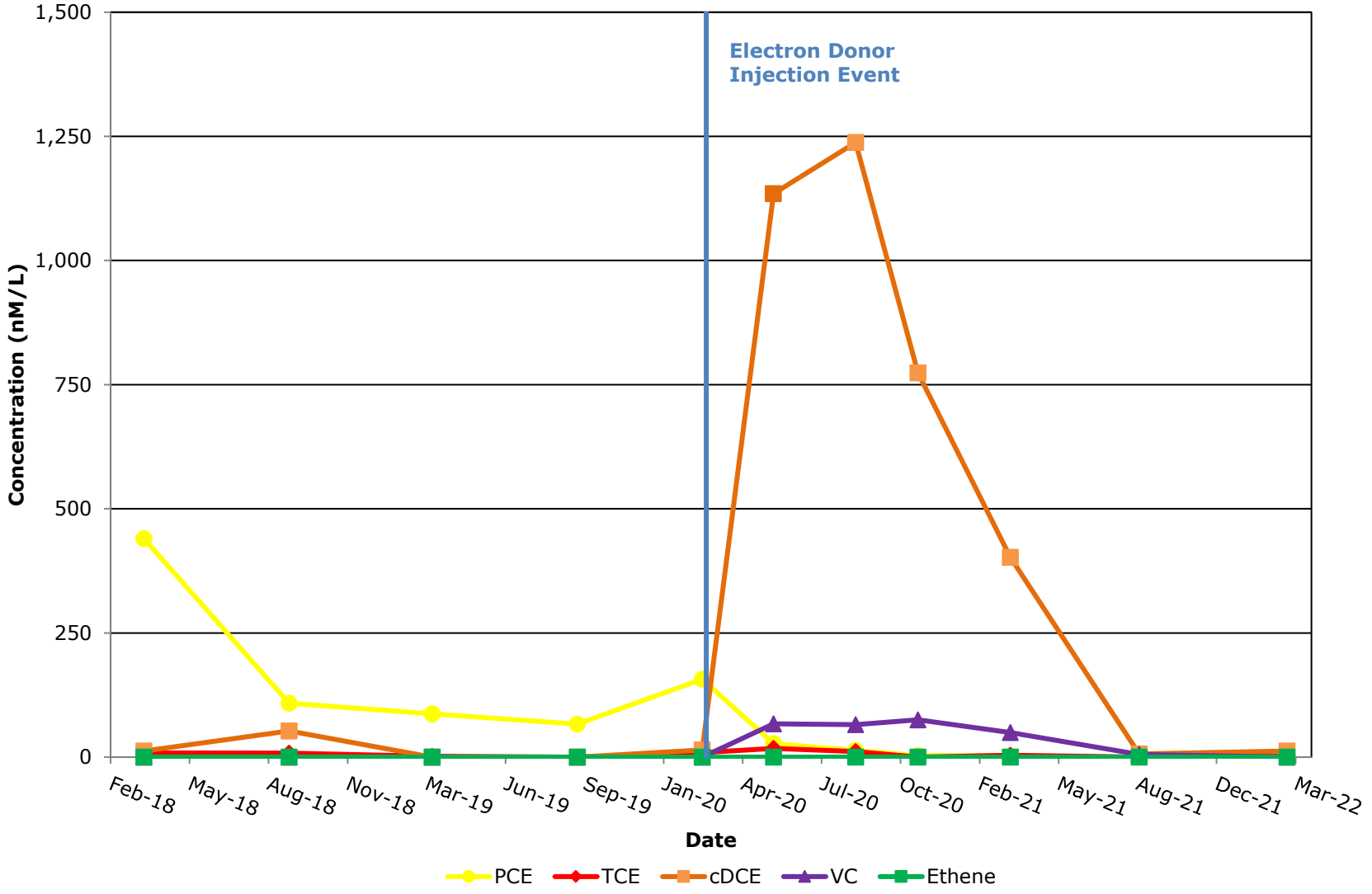

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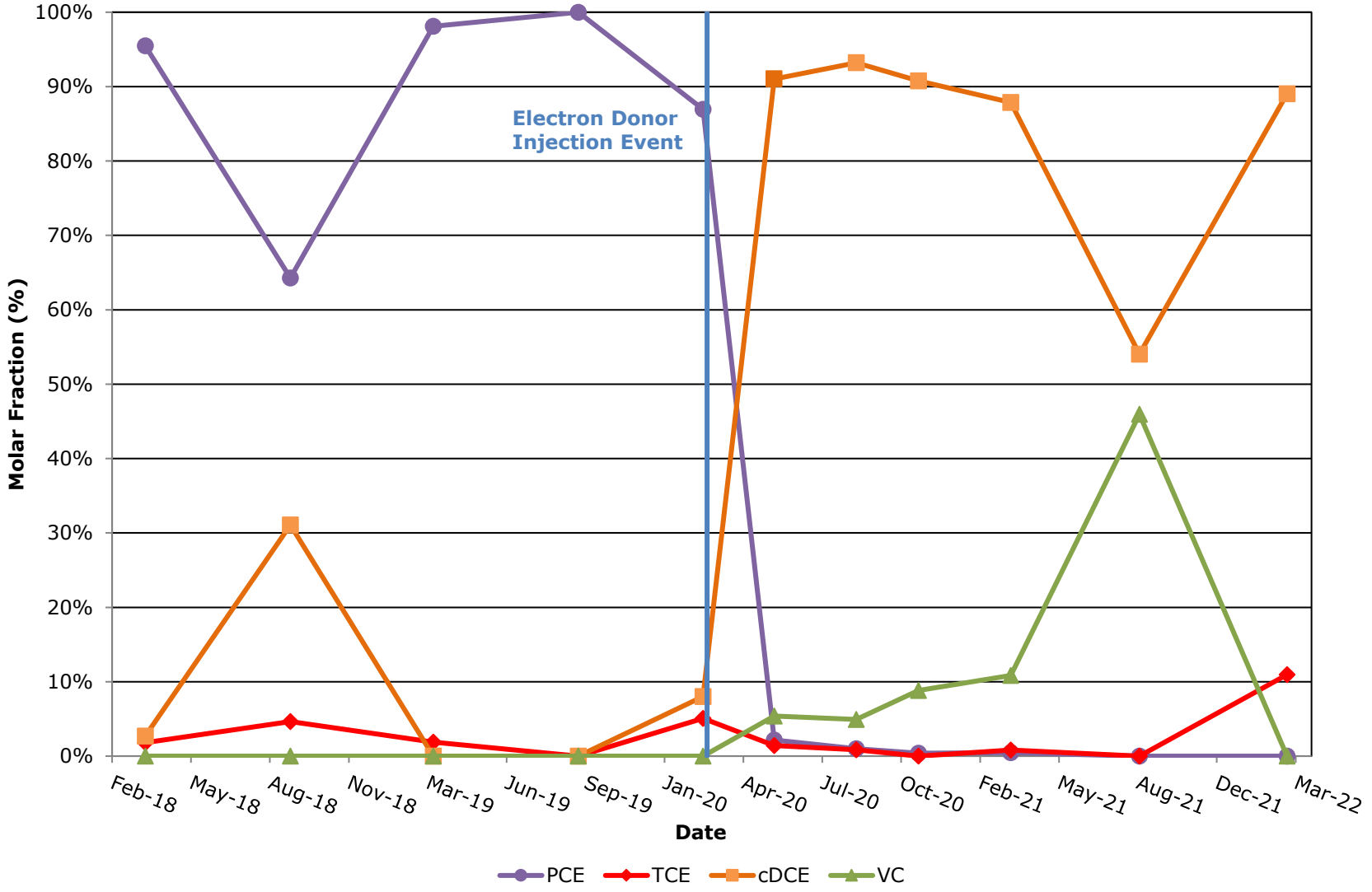
Figure D-12: Molar Fraction of VOCs at Well MW-98-05AR
Rowe Industries Site - Sag Harbor, New York



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