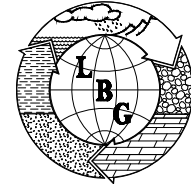


**LBG HYDROGEOLOGIC & ENGINEERING SERVICES, P.C.**  
**PROFESSIONAL ENVIRONMENTAL & CIVIL ENGINEERS**



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February 28, 2018

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

RE: **DRAFT SEPTEMBER 2017  
SEMI-ANNUAL/ANNUAL  
GROUNDWATER QUALITY UPDATE**  
Rowe Industries Superfund Site  
Groundwater Recovery and Treatment System  
Sag Harbor, New York

Dear Ms. Tames:

LBG Hydrogeologic & Engineering Services, P.C., member of WSP (LBGHES) has completed the 2017 September groundwater quality monitoring event for select monitor and recovery wells at the Former Rowe Industries Superfund Site (the Site) in Sag Harbor, New York (Figures 1 and 2). The purpose of the groundwater sampling is the long-term monitoring of groundwater quality at the Site. The following sections summarize a brief site history, groundwater sampling procedures, groundwater quality results, findings, conclusions and recommendations.

### **SITE BACKGROUND**

The site was historically used to manufacture various electrical components such as copper coils for toy slot cars. Degreasers used in the manufacturing process were disposed of in several drywells and were also stored in drums in the Former Drum Storage Area (FDSA) that eventually leaked to the ground surface. The contamination was detected in nearby drinking water wells during the mid-1980s, and the Suffolk County Department of Health investigation

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identified the source as the property occupied by Sag Harbor Industries (SHI). The subsequent remedial investigation identified the compounds of concern (COCs) as tetrachloroethylene (PCE), trichloroethylene (TCE) and 1,1,1-trichloroethane (TCA). A groundwater contaminant plume extended northwesterly from the FDSA for over ½-mile toward a brackish estuary named Ligonee Creek and Sag Harbor Cove.

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

In 2000, a focused groundwater pump and treat system (FP&T) was installed to address the most impacted groundwater located on top of a shallow clay lens in the FDSA. The FP&T system includes four focus recovery wells, FRW-1 through 4; each capable of producing water at an approximate pumping rate of 1 to 6 gpm (gallons per minute). Between 2000 and 2002, a full-scale pump and treat (FSP&T) system was constructed with nine downgradient recovery wells (RW-1 thru 9), and piped to a two-story remediation building located on the SHI property. Operation of the FSP&T system commenced in December 2002. Computer modeling indicated that with continuous full operation, 99% of the plume would be removed in 11 years.

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

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

In accordance with the approved Limited Shutdown Plan of May 29, 2012 (RW-3, 5, 8 and 9) and October 18, 2013 (RW-4, 6 and 7), each of the RWs that were shut down were monitored monthly for six months followed by quarterly monitoring for one year, and then followed by semi-annual monitoring for the remainder of the operation of the FSP&T system. Rebound of COC concentrations has not been observed at RW-1, RW-2, RW-3 or downgradient from these wells since the shutdown of the RWs. As of January 1, 2014, the groundwater

extraction system had reduced the plume to a small area of the FDSA and removed 225 lbs of COCs from groundwater. Five recovery wells – FRW-1 thru 4 and RW-2 remain in operation.

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

### **SEMI-ANNUAL AND ANNUAL GROUNDWATER MONITORING ACTIVITIES**

LBGHES completed semi-annual and annual groundwater sampling between September 18 and 20, 2017, which included the measurement of groundwater levels in select monitor and recovery wells and the collection of groundwater samples from select wells for laboratory analysis. The plan was designed to allow for an assessment of recovery system effectiveness, rebound of contaminant concentrations, natural degradation of the COCs, and monitoring the groundwater quality in the footprint of the former downgradient plume.

The September 2017 groundwater quality monitoring event included the collection of samples from 28 of the 29 planned monitor wells, 4 RWs and 4 FRWs for a total of 36 wells. MW-52A could not be measured or sampled because the well was destroyed during routine landscaping operations on the SHI property. COCs have not been detected at MW-52A at concentrations above ARARs in over 12 years, and in most cases, the concentrations were below laboratory reporting limits. As a result, there are no plans to replace this well and it will be properly decommissioned during the next scheduled annual maintenance event in 2018.

#### **Groundwater Level Measurements**

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

On September 18, 2017 as part of the groundwater sampling event, DTW levels were measured in select monitor and recovery wells during static conditions (with the recovery wells turned off) and these data were used to calculate the groundwater elevations (Table 2 and Figure 3).

A round of DTW levels were measured in select monitor and recovery wells during pumping conditions on November 1, 2017. These data were used to calculate groundwater elevations with RW-2 and FRW-1 thru 4 operating and to estimate the capture zones (Table 2 and Figure 4).

### **Groundwater Sampling**

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

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

### **Quality Assurance/Quality Control**

For Quality Assurance/Quality Control (QA/QC) purposes, two trip blanks (TB) and two field blanks (FB), also known as equipment blanks, were analyzed. TBs are preserved vials prepared by the laboratory with DI water and shipped with the sample vials. TBs were carried by each sampling hydrogeologist with his/her vials, and then returned to the laboratory for analysis in order to rule out inadvertent exposure of the vials or samples to VOCs. Each sampling hydrogeologist collected a FB by running DI water through tubing and equipment in the field following the same procedures as the collection of groundwater samples with clean, single-use tubing, and then submitted to the laboratory for analysis in order to rule out any cross contamination from the tubing or equipment. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) samples were collected from MW98-04 and MW-58A; these wells being chosen for the MS/MSD samples because of historic detections of COCs in the groundwater samples from the

well and/or well location. MS/MSD samples involve collecting a groundwater sample from a well in triplicate, and submitting all three samples to the laboratory for analysis. Two blind duplicate samples, MW-A and MW-B were collected from MW98-04B and MW-59B, respectively. A blind sample is a separate sample submitted for analysis with the source location and identity known to the sampling hydrogeologist but unknown to the laboratory. The blind sample is used to ensure the laboratory's proficiency in the execution of the analysis.

Low and high biases were detected in the MS, MSD or laboratory control samples (LCS) for 1,2 dibromo-3-chloropropane, 1,1,1,2 tetrachloroethane, 1,4 dichlorobenzene and chlorobenzene. Based on the evaluation of the results of the QA/QC analyses, the laboratory data are usable for their intended purpose.

### **Groundwater Level Measurement Discussion**

The water-table elevation data from the sampling event collected during static and pumping conditions were evaluated and used to construct water-table elevation contour maps (Figures 3 and 4, respectively). As depicted by the contour maps, the interpreted groundwater flow direction at the Site is to the northwest towards Sag Harbor Cove. When compared to the September 2016 static groundwater elevations, the September 2017 static groundwater elevations are approximately 0.6 feet higher but within the historic range of water elevation fluctuation. When compared to the March 2017 static groundwater elevations, the September 2017 groundwater elevations are approximately 0.5 feet lower; likely the result of the dry summer conditions during 2017.

The groundwater contours were evaluated to assess the capture zone (Figure 4). The capture zone lines for the recovery wells are shown as dashed red lines. The capture zone map indicates that the operation of the FP&T system continues to minimize the migration of COCs away from the FDSA and the operation of RW-2 continues to be an effective protective measure to prevent COCs from migrating beyond its location.

### **Semi-Annual Groundwater Quality Results and Discussion**

PCE, TCA, TCE and 1,2 cis-dichloroethylene (DCE) concentrations are summarized on Tables 3, 4, 5 and 6, respectively. Laboratory analytical data are provided in Appendix II. PCE, TCE, TCA and DCE concentrations detected in the wells located downgradient of the FDSA are below ARARs and, in most cases, below laboratory reporting limits. Furthermore, rebound of contaminant concentrations has not been detected in the water samples collected from wells

located downgradient of the FDSA following the shutdown of eight of the nine FSP&T recovery wells.

PCE concentrations in the groundwater collected from within the FDSA continue to be above ARARs in some wells. The September 2017 PCE concentrations in the groundwater monitoring well and FRW samples are lower than concentrations detected in March 2017 which is in line with the previously observed trend of high concentrations in the winter/spring and lower concentrations in the summer/fall. Figure 5 shows the approximate size of the PCE plume in September 2017.

TCE and DCE, which are daughter products of PCE, continue to be detected in the FDSA wells at relatively low concentrations compared to the PCE concentrations. With the exception of one detection of DCE (FRW-3), which was detected at a concentration just above the respective ARAR, the TCE and DCE results were either non-detect at the reporting limit or detected at concentrations below the respective ARAR. The continued detection of these compounds suggests that limited degradation of PCE is continuing in the FDSA. However, the degradation of the PCE has not been sufficient to reduce the concentrations below the ARARs.

TCA was only detected in one groundwater sample (FRW-1) collected from within the FDSA, which was at a concentration below the reporting limit and respective ARAR. The remaining results of the groundwater samples collected from within the FDSA were non-detect at the reporting limit, which is consistent with the past two sampling events.

## CONCLUSIONS

The following conclusions are based on the results of the September 2017 groundwater quality sampling event.

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

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

Very truly yours,

LBG Hydrogeologic & Engineering Services, P.C.



Tunde Komuves-Sandor, CPG  
Senior Hydrogeologist



Mark M. Goldberg, P.E.  
Senior Environmental Engineer

Reviewed by:



William K. Beckman, PE  
President

TKS:cmm

Enclosures

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## **TABLES**



TABLE 1

**SUMMARY REPORT FOR SEPTEMBER 2017 GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK**

**Approved Modifications to the Monitoring Program**

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

Notes:

NE = Not Established; N/A = Not Applicable

N/A

-- no comment by EPA interpreted as proposed change being approved by EPA

EPA did not comment on any down gradient SCDHS wells, as such, assume that the proposed discontinuation of monitoring has been approved

TABLE 2

**SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK**

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

| Well       | 9/13/16 Pumping<br>DTW<br>(ft btoc) | 9/13/16<br>Pumping GW<br>Elevation<br>(ft msl) | 9/26/16<br>Static DTW<br>(ft btoc) | 9/26/16<br>Static GW<br>Elevation<br>(ft msl) | 3/13/17 Pumping<br>DTW<br>(ft btoc) <sup>1/</sup> | 3/13/17<br>Pumping GW<br>Elevation<br>(ft msl) <sup>1/</sup> | 3/27/17<br>Static DTW<br>(ft btoc) <sup>1/</sup> | 3/27/17<br>Static GW<br>Elevation<br>(ft msl) <sup>1/</sup> | 9/18/17<br>Static DTW<br>(ft btoc) | 9/18/17<br>Static GW<br>Elevation<br>(ft msl) | 11/1/17 Pumping<br>DTW<br>(ft btoc) | 11/1/17<br>Pumping GW<br>Elevation<br>(ft msl) |
|------------|-------------------------------------|------------------------------------------------|------------------------------------|-----------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|------------------------------------|-----------------------------------------------|-------------------------------------|------------------------------------------------|
| MW-28A     | 19.57                               | 6.33                                           | 19.43                              | 6.47                                          | 18.59                                             | 7.31                                                         | 18.36                                            | 7.54                                                        | 18.88                              | 7.02                                          | 18.64                               | 7.26                                           |
| MW-28B     | 19.65                               | 6.34                                           | 19.51                              | 6.48                                          | 18.72                                             | 7.27                                                         | 18.29                                            | 7.70                                                        | 18.79                              | 7.20                                          | 18.75                               | 7.24                                           |
| MW-42B     | 16.64                               | 6.56                                           | 16.6                               | 6.60                                          | NM                                                | NM                                                           | 15.71                                            | 7.49                                                        | 16.20                              | 7.00                                          | NM                                  | NM                                             |
| MW-43A     | 18.83                               | 3.98                                           | 18.78                              | 4.03                                          | NM                                                | NM                                                           | 18.32                                            | 4.49                                                        | 18.51                              | 4.30                                          | NM                                  | NM                                             |
| MW-43B     | 19.05                               | 3.92                                           | 18.93                              | 4.04                                          | NM                                                | NM                                                           | 18.54                                            | 4.43                                                        | 18.71                              | 4.26                                          | NM                                  | NM                                             |
| MW-43C     | 19.10                               | 3.96                                           | 19.05                              | 4.01                                          | NM                                                | NM                                                           | 18.56                                            | 4.50                                                        | 18.76                              | 4.30                                          | NM                                  | NM                                             |
| MW-44A     | 23.80                               | 5.64                                           | 23.24                              | 6.20                                          | 22.73                                             | 6.71                                                         | 22.14                                            | 7.30                                                        | 22.69                              | 6.75                                          | 22.87                               | 6.57                                           |
| MW-44B     | 23.72                               | 5.82                                           | 24.21                              | 5.33                                          | 22.87                                             | 6.67                                                         | 22.27                                            | 7.27                                                        | 22.79                              | 6.75                                          | 22.89                               | 6.65                                           |
| MW-44C     | 23.75                               | 6.01                                           | 23.52                              | 6.24                                          | 22.95                                             | 6.81                                                         | 22.46                                            | 7.30                                                        | 22.96                              | 6.80                                          | 22.85                               | 6.91                                           |
| MW-45A     | 21.29                               | 6.15                                           | 21.14                              | 6.30                                          | 20.78                                             | 6.66                                                         | 19.96                                            | 7.48                                                        | 20.49                              | 6.95                                          | 20.39                               | 7.05                                           |
| MW-45B     | 21.08                               | 6.55                                           | 20.97                              | 6.66                                          | 20.69                                             | 6.94                                                         | 19.80                                            | 7.83                                                        | 20.31                              | 7.32                                          | 20.27                               | 7.36                                           |
| MW-46A     | 19.42                               | 6.24                                           | 19.31                              | 6.35                                          | 19.11                                             | 6.55                                                         | 18.21                                            | 7.45                                                        | 18.65                              | 7.01                                          | 18.60                               | 7.06                                           |
| MW-46B     | 20.01                               | 6.32                                           | 19.91                              | 6.42                                          | 19.97                                             | 6.36                                                         | 18.78                                            | 7.55                                                        | 19.62                              | 6.71                                          | 19.60                               | 6.73                                           |
| MW-47A     | dry                                 | -                                              | dry                                | -                                             | dry                                               | -                                                            | 7.52                                             | 7.46                                                        | 8.07                               | 6.91                                          | 8.00                                | 6.98                                           |
| MW-47B     | 8.95                                | 6.15                                           | 8.96                               | 6.14                                          | 8.51                                              | 6.59                                                         | 7.70                                             | 7.40                                                        | 8.23                               | 6.87                                          | 8.19                                | 6.91                                           |
| MW-48A     | 24.27                               | 6.99                                           | 24.21                              | 7.05                                          | 23.55                                             | 7.71                                                         | 22.98                                            | 8.28                                                        | 23.51                              | 7.75                                          | 23.48                               | 7.78                                           |
| MW-48B     | 23.16                               | 6.97                                           | 25.09                              | 7.04                                          | 24.61                                             | 7.52                                                         | 23.78                                            | 8.35                                                        | 24.47                              | 7.66                                          | 24.44                               | 7.69                                           |
| MW-52A     | 19.76                               | 6.53                                           | 19.6                               | 6.69                                          | 18.84                                             | 7.45                                                         | NM                                               | NM                                                          | Destroyed                          | Destroyed                                     | Destroyed                           | Destroyed                                      |
| MW-53      | 20.02                               | 4.17                                           | 19.97                              | 4.22                                          | NM                                                | NM                                                           | 19.46                                            | 4.73                                                        | 19.67                              | 4.52                                          | NM                                  | NM                                             |
| MW-54      | 21.54                               | 4.31                                           | 24.83                              | 1.02                                          | NM                                                | NM                                                           | 19.94                                            | 5.91                                                        | 21.18                              | 4.67                                          | NM                                  | NM                                             |
| MW-58A     | 24.86                               | 6.62                                           | 24.76                              | 6.72                                          | 24.22                                             | 7.26                                                         | 23.60                                            | 7.88                                                        | 24.09                              | 7.39                                          | 24.02                               | 7.46                                           |
| MW-58B     | 24.81                               | 6.65                                           | 26.26                              | 5.20                                          | 24.17                                             | 7.29                                                         | 23.55                                            | 7.91                                                        | 24.05                              | 7.41                                          | 24.05                               | 7.41                                           |
| MW-59A     | dry                                 | -                                              | 27.65                              | 6.23                                          | 27.14                                             | 6.74                                                         | 26.67                                            | 7.21                                                        | 27.16                              | 6.72                                          | 27.08                               | 6.80                                           |
| MW-59B     | 27.79                               | 6.05                                           | 27.78                              | 6.06                                          | 27.22                                             | 6.62                                                         | 26.68                                            | 7.16                                                        | 27.21                              | 6.63                                          | 27.17                               | 6.67                                           |
| MW-98-01A  | 23.86                               | 6.61                                           | 23.69                              | 6.78                                          | 23.07                                             | 7.40                                                         | 22.45                                            | 8.02                                                        | 22.98                              | 7.49                                          | 22.81                               | 7.66                                           |
| MW-98-04   | 21.38                               | 6.62                                           | 21.28                              | 6.72                                          | 20.72                                             | 7.28                                                         | 20.10                                            | 7.90                                                        | 20.50                              | 7.50                                          | 20.44                               | 7.56                                           |
| MW-98-04B  | 21.30                               | 6.64                                           | 21.2                               | 6.74                                          | 20.74                                             | 7.20                                                         | 20.00                                            | 7.94                                                        | 20.51                              | 7.43                                          | 20.44                               | 7.50                                           |
| MW-98-05AR | 23.34                               | 5.92                                           | 22.6                               | 6.66                                          | 22.91                                             | 6.35                                                         | 21.81                                            | 7.45                                                        | 22.32                              | 6.94                                          | 22.29                               | 6.97                                           |
| MW-98-05BR | 22.72                               | 7.04                                           | 23.02                              | 6.74                                          | 23.15                                             | 6.61                                                         | 21.40                                            | 8.36                                                        | 21.89                              | 7.87                                          | 21.85                               | 7.91                                           |
| FRW-1      | 25.50                               | 5.50                                           | 24.26                              | 6.74                                          | 25.82                                             | 5.18                                                         | 23.00                                            | 8.00                                                        | 23.56                              | 7.44                                          | 23.53                               | 7.47                                           |
| FRW-2      | 23.08                               | 2.47                                           | 22.85                              | 2.70                                          | 22.67                                             | 2.88                                                         | 21.61                                            | 3.94                                                        | 22.14                              | 3.41                                          | 22.40                               | 3.15                                           |
| FRW-3      | 23.03                               | 6.33                                           | 22.63                              | 6.73                                          | 19.84                                             | 9.52                                                         | 21.39                                            | 7.97                                                        | 21.94                              | 7.42                                          | 22.11                               | 7.25                                           |
| FRW-4      | 25.27                               | 3.46                                           | 22.02                              | 6.71                                          | 25.69                                             | 3.04                                                         | 20.90                                            | 7.83                                                        | 21.27                              | 7.46                                          | 23.55                               | 5.18                                           |
| RW-1       | 27.76                               | 6.05                                           | 27.6                               | 6.21                                          | 26.72                                             | 7.09                                                         | 26.62                                            | 7.19                                                        | 27.50                              | 6.31                                          | 27.36                               | 6.45                                           |
| RW-2       | 26.64                               | -0.54                                          | 19.79                              | 6.31                                          | 25.10                                             | 1.00                                                         | 18.71                                            | 7.39                                                        | 19.31                              | 6.79                                          | 25.30                               | 0.80                                           |
| RW-3       | 7.10                                | 6.04                                           | 6.85                               | 6.29                                          | 6.23                                              | 6.91                                                         | 5.72                                             | 7.42                                                        | 6.38                               | 6.76                                          | 6.29                                | 6.85                                           |
| RW-4       | 14.10                               | 4.91                                           | 14.09                              | 4.92                                          | NM                                                | NM                                                           | 13.25                                            | 5.76                                                        | 13.66                              | 5.35                                          | NM                                  | NM                                             |
| RW-5       | 20.63                               | 4.70                                           | 20.6                               | 4.73                                          | NM                                                | NM                                                           | 19.90                                            | 5.43                                                        | 20.32                              | 5.01                                          | NM                                  | NM                                             |
| RW-6       | 17.69                               | 4.00                                           | 17.68                              | 4.01                                          | NM                                                | NM                                                           | 17.13                                            | 4.56                                                        | 17.24                              | 4.45                                          | NM                                  | NM                                             |
| RW-7       | 14.68                               | 3.67                                           | 14.54                              | 3.81                                          | NM                                                | NM                                                           | 14.28                                            | 4.07                                                        | 15.39                              | 2.96                                          | NM                                  | NM                                             |
| MW-B1      | 23.00                               | 12.00                                          | 30.29                              | 4.71                                          | 26.94                                             | 8.06                                                         | NM                                               | NM                                                          | 29.79                              | 5.21                                          | 29.69                               | 5.31                                           |
| MW-B2      | 32.01                               | 5.65                                           | 32.23                              | 5.43                                          | 31.36                                             | 6.30                                                         | NM                                               | NM                                                          | 31.40                              | 6.26                                          | 31.37                               | 6.29                                           |
| MW-B3      | dry                                 | -                                              | dry                                | -                                             | dry                                               | -                                                            | NM                                               | NM                                                          | Dry                                | Dry                                           | Dry                                 | Dry                                            |
| MW-B4      | 25.47                               | 5.27                                           | 25.5                               | 5.24                                          | 24.81                                             | 5.93                                                         | NM                                               | NM                                                          | 25.03                              | 5.71                                          | 24.92                               | 5.82                                           |
| N-32       | 26.39                               | 5.82                                           | 26.02                              | 6.19                                          | 25.65                                             | 6.56                                                         | 25.09                                            | 7.12                                                        | 25.50                              | 6.71                                          | 25.65                               | 6.56                                           |
| N-32B      | 26.49                               | 5.77                                           | 26.07                              | 6.19                                          | 25.43                                             | 6.83                                                         | 25.01                                            | 7.25                                                        | 25.50                              | 6.76                                          | 25.62                               | 6.64                                           |

<sup>1</sup> The water level measurements for FRW-3 on March 13, 2017 and for MW98-05AR on March 27, 2017 are suspect and considered to be anomalous readings.

DTW     Depth to Water  
GW     Groundwater  
ft btoc     Feet Below Top of Casing

TABLE 3

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK

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

| Monitor or Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|---------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                           | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13 (6-12-2013) | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| MW-B1                     |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        |         | ND |
| MW-B2                     |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        |         |        |        |        |        |        |        |        |        |         |    |
| MW-B3                     |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| MW-B4                     |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        |         |        |        |        |        |        |        | ND     |        |         | ND |
| FRW-1                     | 41           | 380    | 600    | 6.5    | 120    | 15     | 160    | 180    | 68     | 37     | 37     | 52     | 48     | 130         | 130    | 23     | 110    | 1100   | 510    | 360    | 100                 | 310    | 77     | 42     | 63     | 74     | 37     | 24      | 120    | 210    | 23     | 15     | 67     | 290    | 25     | 110    | 34      |    |
| FRW-2                     | 5.7          | ND     | 27     | 72     | 24     | 20     | 33     | 150    | 39     | 24     | 25     | 48     | 40     | 59          | 69     | 65     | 53     | 9.1    | 6.8    | 4.0    | 45                  | 210    | 28     | 20     | 39     | 11     | 27     | 19      | 62     | 41     | 9.0    | 14     | 280    | 55     | 26     | 40     | 33      |    |
| FRW-3                     | 120          | 1.9    | 62     | 16     | 270    | 110    | 190    | 110    | 19     | 16     | 12     | 65     | 32     | 34          | 15     | 25     | 46     | 35     | 25     | 1.3    | 9.9                 | 230    | 52     | 27     | 23     | 49     | 32     | 33      | 34     | 110    | 67     | 7.7    | 50     | 62     | 17     | 50     | 15      |    |
| FRW-4                     | ND           | 4.5    | 2.3    | 18     | 17     | 5.3    | 5.3    | ND     | 4.5    | 22     | 22     | 21     | 14     | 13          | 6.1    | 2.3    | 0.36 J | 15     | 62     | 82     | 25                  | 12     | 27     | 19     | 4.1    | 7.5    | 21     | 28      | 2.6    | 34     | 3.0    | 1.4    | 5.0    | 15     | 2.2    | 4.0    | 2.7     |    |
| RW-1                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        | ND     |        |         |    |
| RW-2                      | ND           | 1.4    |        | 3.4    | 4.0    | 1.8    | 1.0    | ND     | 0.91 J | 0.96 J | 0.81   | 0.57   | 0.53   |             | 0.52   | 0.66   | 1.3    | 1.1    | 0.93   | 0.74   |                     | 0.68   | 0.93   | 2.0    | 1.4    | 0.94   | 0.26 J | ND      | 0.56   | ND     | 0.39 J |        | 0.40 J | 0.38 J | ND     | 0.28 J | 0.23 J  |    |
| RW-3                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.19 J | ND     | ND     |             | ND     | ND     | 0.1 J  |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     | ND     | ND     |        | ND     | ND     |        | ND      |    |
| RW-4                      | 7.3          | 9.4    | 6.5    | 3.8    | 3.3    | 4.5    | 2.1    | ND     | 0.82 J | 1.1 J  | 1.4    | 0.13 J | 0.90   |             | 0.95   | 0.75   | 0.96   | 1.5    | 0.83   | 1.1    |                     | 0.62   | 0.93   | 1.4    | 0.88   | 0.36 J | 2.0    | 2.0     | ND     | ND     |        | ND     |        | ND     | ND     |        |         |    |
| RW-5                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.16 J | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| RW-6                      | 29           | 14     | 19     | 13     | 10     | 11     | 7.0    | 4.3    | 1.9    | 3.6 J  | 3.2    | 3.1    | 2.6    |             | 2.8    | 2.3    | 2.4    | 1.3    | 1.9    | 2.0    |                     | 2.1    | 1.7    | 1.9    | 1.6    | 0.22 J | 0.24 J | 0.24 J  | 0.27 J | ND     | 0.25 J | 0.25 J |        | 0.24 J | ND     |        | ND      |    |
| RW-7                      | 23           | 25     | 11     | 5.4    | 5.5    | 9.5    | 3.6    | ND     | 1.8    |        | 2.2    | 1.0    | ND     |             | 0.76   | 0.50   | 0.64   | 0.96   | 0.52   | 0.67   |                     | 0.73   | 0.65   | 1.1    | ND     | ND     | ND     | ND      | 0.87   | 0.2 J  | ND     | ND     |        | ND     |        |        |         |    |
| RW-8                      |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.11 J | 0.11 J |             | 0.1 J  | ND     | 0.13 J |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| RW-9                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     |        |        |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-28A                    | ND           | ND     | ND     | 21     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             |        | ND     | ND     |        | ND     |        |                     |        |        | 1.2    |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-28B                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             |        | ND     | ND     |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-42B                    | ND           | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        | ND      |        |        |        |        |        |        | ND     |        | ND      |    |
| MW-43A                    | ND           |        |        |        |        |        | ND     |        |        |        | ND     | 2.3    |        |             | 1.2    |        |        |        | ND     |        |                     |        |        | 0.3 J  |        | 1.1    | 0.47 J | ND      | ND     | ND     | 0.71   | ND     |        |        | ND     |        | ND      |    |
| MW-43B                    | ND           | ND     | ND     | ND     | ND     | ND     | 12     | 2.7    | 1.0    | 4.5 J  | 3.4    |        |        |             | ND     |        |        |        | 0.62   |        |                     |        |        | 0.48 J |        | 0.39 J | 0.34 J | 0.29 J  | ND     | ND     | ND     | ND     |        |        | ND     |        | ND      |    |
| MW-43C                    | 27           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     |        |        |        | ND     | ND     | ND      |    |
| MW-44A                    | ND           | ND     | ND     | ND     | ND     | 1.1    | 0.66 J | ND     | ND     | ND     | ND     | ND     |        |             | 0.11 J |        |        |        | 0.26 J |        |                     |        |        | 1.3    |        | ND     |        | 0.38 J  |        | ND     |        | ND     |        | ND     |        | ND     | ND      | ND |
| MW-44B                    | ND           | 5.0    | ND     | ND     | ND     | ND     | 3.1    | ND     | ND     | ND     | 0.16 J |        |        |             | 0.3 J  |        |        |        | ND     |        |                     |        |        | 0.76   |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-44C                    |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-45A                    | ND           | ND     | ND     | ND     | ND     | ND     | 3.3    | ND     | ND     | ND     | ND     |        |        |             | 0.11 J | ND     | ND     |        | ND     | ND     |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | 0.91   |        | ND     | 2.1    | ND     | 0.41 J  |    |
| MW-45B                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     | ND     |        |        |        | ND     |                     |        |        | ND     |        | ND     |        | ND      |        | 0.25 J |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-46A                    |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        |        |        | 0.23 J |        |                     |        |        | 0.2 J  |        | 0.2 J  |        | 0.31 J  |        | ND     |        | ND     |        |        |        |        |         |    |
| MW-46B                    |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        |        |        |        |        |        |         |    |
| MW-47A                    | ND           | 0.81   | 3.5    |        | ND     | 0.81   | 3.2    | ND     | ND     | 0.77 J | 0.27 J |        |        |             |        |        |        |        | 0.54   |        |                     |        |        | 0.23 J |        | 0.4 J  |        | ND      |        | ND     |        |        |        | 0.35 J | dry    |        | 0.26 J  |    |
| MW-47B                    |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-48A                    |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |             |        |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-48B                    |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| MW-49A                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        | ND     |        |             | 0.11 J |        | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| MW-49B                    | 6.8          | 2.1    | 3.0    | 4.6    | 3.6    | 2.3    | 1.4    | ND     | ND     | ND     | 0.60   | 0.89   |        |             | 0.43 J |        | 0.87   |        | 0.51   |        |                     | 0.55   |        | 0.26 J |        | 0.24 J |        | ND      |        | ND     |        | ND     |        | 0.27 J |        |        |         |    |
| MW-49C                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.39 J |        |             | ND     |        | 0.58   |        | 0.14 J |        |                     | 0.22 J |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-50A                    |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | </     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |

TABLE 3

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

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

| Monitor or Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|---------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                           | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13 (6-12-2013) | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| N-1A                      |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-1B                      |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-2A                      |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-2B                      |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-9                       |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-16                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-17                      |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-32                      |              |        |        |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        | ND     | ND     | ND     | ND     | ND      | ND |
| N-32B                     |              |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        | ND     | ND     | ND     | ND      | ND |
| N-37                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        | ND     |        | ND     |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |
| N-38                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |
| N-39                      | ND           | ND     | 1.9    | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        |        |        | ND     |        |                     |        |        |        | ND     |        | ND     |         | ND     |        | ND     |        |        |        |        |        |         |    |

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

TABLE 4

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK

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

| Monitor or Recovery Well | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|--------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                          | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13<br>(6-12-2013) | Jun-13 | Jul-13 | Sept-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| MW-B1                    |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         | ND |
| MW-B2                    |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         | ND |
| MW-B3                    |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        |        |        | ND      |        |        |        |        |        |        |        |        |         |    |
| MW-B4                    |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        |        |        | ND      |        |        |        |        |        |        |        | ND     |         | ND |
| FRW-1                    | ND           | 14     | 13     | ND     | ND     | ND     | 4.6    | 5.7    | 0.58 J | ND     | 0.24 J | 1.0    | 3.1    | 4.8         | 5.8    | 3.5    | 3.9    | 17     | 7.1    | 4.4    | 1.8                    | 3.5    | 0.5    | 0.58    | 1.3    | 0.37 J | 0.37 J | ND      | 1.8    | 2.6    | 0.47 J | ND     | 0.28 J | 2.6    | 0.20 J | 0.82   | 0.22 J  |    |
| FRW-2                    | ND           | ND     | ND     | 1.1    | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.13 J | 0.37 J | 0.43 J      | 0.51   | ND     | 0.50   | 0.37 J | 0.27 J | 0.16 J | 0.35 J                 | 1.7    | ND     | 0.47 J  | 0.20 J | ND     | ND     | ND      | ND     | ND     | ND     | ND     | 3.3    | ND     | ND     | ND     | ND      |    |
| FRW-3                    | 18           | ND     | 1.3    | ND     | ND     | ND     | ND     | 1.8    | ND     | ND     | ND     | 0.30 J | 0.39 J | 0.35 J      | 0.29 J | 0.36 J | 0.43 J | 0.47 J | 0.71   | 0.56   | 1.3                    | 3.6    | 0.42 J | 0.23 J  | ND     | 0.50   | ND     | 0.28 J  | 0.26 J | 1.2 J  | 0.58   | ND     | 0.23 J | ND     | ND     | ND     | ND      |    |
| FRW-4                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.14 J | 0.16 J | 0.21 J      | 0.21 J | ND     | ND     | ND     | 0.72   | 2.4    | 2.7                    | 0.99   | 0.22 J | 0.69    | 0.34 J | ND     | ND     | ND      | 0.52   | ND     | ND     | ND     | ND     | ND J   | ND     | ND     | ND      | ND |
| RW-1                     | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| RW-2                     | 31           | 1.2    |        | 2.4    | 1.9    | ND     | 1.7    | ND     | ND     | ND     | 0.11 J | 0.26 J | 0.23 J |             | 0.25 J | 0.30 J | 0.24 J | 0.26 J | 0.32 J | 0.24 J |                        | 0.28 J | ND     | ND      | ND     | 0.26 J | ND     | ND      | ND     | ND     | ND     | ND     |        | 0.22 J | 0.32   | ND     | ND      | ND |
| RW-3                     | ND           | ND     | 0.8 J  | ND     | 1.3    | ND     | ND     | ND     | ND     | ND     | 0.27 J | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| RW-4                     | 2.1          | 10     | 3.0    | 6.0    | ND     | ND     | 4.2    | 1.9    | ND     | 2.7 J  | 3.6    | 3.6    | 2.6    |             | 2.2    | 2.3    | 2.1    | 2.0    | 2.4    | 2.7    |                        | 3.8    | 1.3    | ND      | 0.22 J | ND     | ND     | ND      | ND     | ND     | ND     | ND     |        | ND     | ND     |        | ND      |    |
| RW-5                     | ND           | ND     | ND     | 2.6    | 2.0    | ND     | 2.6    | ND     | ND     | 1.1 J  | 0.12 J | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| RW-6                     | 8.4          | 11     | 6.1    | 6.5    | 6.5    | 4.1    | 4.2    | 2.8    | 0.93 J | 2.7 J  | 2.7    | 2.0    | 1.6    |             | 1.5    | 1.1    | 1.0    | 0.45 J | 0.58   | 0.56   |                        | 0.63   | 0.50   | 0.89    | 0.78   | 0.79   | 1.3    | 1.1     | 0.76   | ND     | 0.38 J | 0.32 J |        | ND     | ND     |        | ND      |    |
| RW-7                     | 2.7          | 2.8    | 1.1    | ND     | ND     | ND     | 0.77   | 0.67 J | ND     | –      | 0.29 J | 0.21 J | ND     |             | 0.21 J | 0.14 J | 0.18 J | 0.34 J | 0.17 J | 0.16 J |                        | 0.20 J | ND     | ND      | ND     | 0.21 J | 0.25 J | ND      | ND     | 0.46 J | 0.40 J | 1.0    |        | 1.1    |        |        |         |    |
| RW-8                     |              | 2.0    | 1.2    | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                        | ND     |        | ND      |        | ND     |        | ND      |        | 0.62   |        | ND     |        | ND     |        |        |         |    |
| RW-9                     | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-28A                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     | 1.0    |        | ND     |        |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-28B                   | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             |        | 0.49 J | 0.48 J |        | 0.23 J |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-42B                   | ND           | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        |        |        | ND      |        |        |        |        |        |        | ND     |        | ND      |    |
| MW-43A                   | ND           |        |        |        |        |        | ND     |        |        | 5.3    | 7.6    |        |        |             | 5.7    |        |        |        | 0.54   |        |                        |        |        | 0.87    |        | 1.1    | 0.72   | 0.47 J  | ND     | ND     | 0.43 J | ND     |        |        |        | ND     |         | ND |
| MW-43B                   | ND           | ND     | ND     | ND     | ND     | ND     | 3.8    | 0.69 J | ND     | 1.1    | 1.2    |        |        |             | ND     |        |        |        | 1.2    |        |                        |        |        |         | 1.6    |        | 0.76   | 0.58    | ND     | ND     | ND     | ND     | ND     |        |        | ND     |         | ND |
| MW-43C                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     | ND     | ND      | ND     | ND     | ND     |        |        | ND     |        | ND     |         | ND |
| MW-44A                   | 4.8          | 1.9    | 41     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-44B                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     | ND      | ND |
| MW-44C                   | ND           | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     | ND      | ND |
| MW-45A                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     | ND     | ND     |        | ND     | ND     |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-45B                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     | ND     |        |        |        | ND     | ND                     |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-46A                   |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| MW-46B                   |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| MW-47A                   | ND           | ND     | 6.7    |        | ND     | ND     | ND     | ND     | ND     | ND     | 0.15 J |        |        |             |        |        |        |        | 0.40 J |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        |        | 0.24 J | dry    |        |        | ND      |    |
| MW-47B                   |              |        |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     | ND      |    |
| MW-48A                   |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |             |        |        |        |        |        |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| MW-48B                   |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        |        |        |                        |        |        | ND      |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| MW-49A                   | ND           |        | ND     | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        | ND     |        | ND     |        |                        |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        | ND     |        |         |    |
| MW-49B                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        | ND     |        | ND     |        |                        |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        | ND     |        |         |    |
| MW-49C                   | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |        |        |        |             |        |        |        |        |        |        |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |

TABLE 4

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWTER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
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CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

| Monitor or Recovery Well | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|--------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|------------------------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                          | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13<br>(6-12-2013) | Jun-13 | Jul-13 | Sept-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| N-1A                     |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-1B                     |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |
| N-2A                     |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-2B                     |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |
| N-9                      |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-16                     | ND           | ND     | 2.8    | ND     | ND     | ND     | 2.8    | 4.1    | ND     | ND     | ND     |        |        |             | ND     |        |        |        |        | ND     |                        |        |        | ND      |        | 0.33 J |        | 0.51    |        | ND     |        | 0.26 J |        |        |        |        |         |    |
| N-17                     |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-32                     |              |        |        |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     | ND     | ND     | ND     | ND      | ND |
| N-32B                    |              |        |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                        |        |        |         |        |        |        |         |        |        |        |        | ND     | ND     | ND     | ND     | ND      | ND |
| N-37                     | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |
| N-38                     | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |
| N-39                     | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |        |             | ND     |        |        |        |        | ND     |                        |        |        |         | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        |        |        |         |    |

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

TABLE 5

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

| Monitor or<br>Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |                |        |        |        |        |        |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
|------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|---------|----|----|
|                              | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4,<br>2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | Jun-13      | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sept-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |    |
|                              |              |        |        |        |        |        |        |        |        |        |        |        |        |                |        |        |        |        |        |        | (6-12-2013) |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| MW-B1                        |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    | ND |
| MW-B2                        |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        |        |        | ND      |        |        |        |         |        |        |        |        |         |    |    |
| MW-B3                        |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        |        |        | ND      |        |        |        |         |        |        |        |        |         |    |    |
| MW-B4                        |              |        |        |        |        |        |        |        |        | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        |        |        | ND      |        |        |        |         |        |        |        | ND     |         | ND |    |
| FRW-1                        | ND           | 7.8    | 110    | ND     | 2.4    | ND     | 1.2    | 3.1    | ND     | ND     | 1.0    | 3.7    | 15     | 38             | 39     | 10     | 29     | 25     | 48     | 42     | 3.1         | 4.8    | 6.2    | 4.1    | 4.4    | 2.1    | 6.3    | 1.5     | 3.4    | 1.3    | 0.89   | 0.54    | 5.3    | 3.8    | 0.81   | 3.9    | 0.93    |    |    |
| FRW-2                        | ND           | ND     | 10     | 19     | ND     | ND     | 1.7    | 18     | ND     | 1.4 J  | 1.8    | 0.83   | 8.5    | 9.8            | 13     | 11     | 13     | 1.7    | 1.2    | 1.4    | 2.7         | 9.8    | 3.1    | 2.2    | 6.0    | 1.9    | 0.86   | 2.8     | 2.1    | 2.6    | ND     | 1.1     | 3.3    | 1.8    | 1.2    | 1.0    | 0.85    |    |    |
| FRW-3                        | 16           | 20     | 23     | 6.6    | 10     | 12     | 3.2    | 12     | 2.6    | 1.5 J  | 1.1    | 2.5    | 8.2    | 6.6            | 4.6    | 8.8    | 10     | 7.7    | 7.8    | 0.31 J | 6.9         | 18     | 10     | 3.1    | 3.6    | 8.0    | 7.9    | 5.6     | 2.5    | 13     | 3.2    | 2.5     | 4.1    | 7.1    | 1.4    | 5.7    | 1.7     |    |    |
| FRW-4                        | ND           | ND     | 0.99J  | ND     | ND     | ND     | ND     | 4.5    | ND     | 0.99 J | 1.2    | 1.6    | 0.86   | 0.64           | 0.33 J | ND     | 0.13 J | 1.9    | 8.8    | 11     | 7.5         | 2.1    | 4.9    | 2.7    | 1.6    | 1.7    | 1.2    | 0.36 J  | 2.1    | ND     | ND     | 0.68    | 1.1    | 0.48 J | 0.60   | 0.42 J |         |    |    |
| RW-1                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        |         |    |    |
| RW-2                         | ND           | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.16 J | 0.21 J | 0.21 J |                | 0.25 J | 0.34 J | 0.66   | 0.71   | 0.54   | 0.45 J |             | 0.51   | 0.54   | 1.0    | 0.79   | 0.63   | 0.24 J | ND      | 0.31 J | ND     | ND     |         | 0.63   | 0.67   | ND     | 0.47 J | 0.32 J  |    |    |
| RW-3                         | ND           | ND     | 2.2    | ND     | 2.5    | ND     | 1.4    | 0.63 J | ND     | 0.93 J | 0.81   | ND     | ND     |                | ND     | ND     | 0.18 J |        | ND     |        |             | ND     |        | ND     |        | ND     |        | ND      |        | 0.21 J |        | ND      |        | ND     | ND     | 0.47 J | 0.32 J  |    |    |
| RW-4                         | ND           | 1.1    | 0.57J  | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.18 J | 0.13 J | 0.11 J |                | 0.15 J | 0.11 J | 0.14 J | 0.25 J | ND     | 0.15 J |             | ND     | ND     | 0.25 J | ND     | ND     | 0.69   | ND      | ND     | ND     | 2.6    | 0.90    |        | 0.27 J | ND     |        | ND      |    |    |
| RW-5                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |                | ND     | ND     | ND     |        | ND     |        |             | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        |        |         |    |    |
| RW-6                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.12 J | 0.13 J | 0.11 J |                | 0.13 J | 0.12 J | 0.1 J  | ND     | ND     | ND     |             | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     |         | ND |    |
| RW-7                         | ND           | 0.73   | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.12 J | ND     | ND     |                | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND      | ND     | ND     | ND     |        |         |    |    |
| RW-8                         |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |                | ND     | ND     | ND     |        | ND     |        |             | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        |        |         |    |    |
| RW-9                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |                | ND     | ND     | ND     |        | ND     |        |             | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        |        |         |    |    |
| MW-28A                       | ND           | ND     | ND     | 13     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                |        | ND     | ND     | ND     | 0.34 J |        |             |        |        | 2.8    |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     | ND     | ND      | ND |    |
| MW-28B                       | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                |        | 0.49 J | 0.49 J |        | 0.19 J |        |             |        |        | ND     |        | 0.22 J |        | ND      |        | ND     |        | ND      |        | ND     | ND     | ND     | ND      | ND |    |
| MW-42B                       | ND           | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        |        |        | ND      |        |        |        |         |        |        |        |        |         |    |    |
| MW-43A                       | ND           |        |        |        |        |        |        | ND     |        | ND     | 0.16 J |        |        |                | 0.22 J |        |        |        | ND     |        |             |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND      |        |        |        | ND     |         | ND |    |
| MW-43B                       | ND           | ND     | ND     | ND     | ND     | ND     | 2.8    | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND      | ND     |        |        | ND     |         | ND |    |
| MW-43C                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND      |        |        |        | ND     |         | ND |    |
| MW-44A                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-44B                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-44C                       | ND           | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-45A                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     | ND     | ND     |        | ND     | ND     |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-45B                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     | ND     | ND     |        |        | ND     |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-46A                       |              | 0.59   | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | 0.24 J |        |        |                | ND     |        |        |        | 0.15 J |        |             |        |        | 0.27 J |        | ND     |        | ND      |        | ND     |        | ND      |        |        |        |        |         |    |    |
| MW-46B                       |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |
| MW-47A                       |              | 0.97   | 14     |        | ND     | ND     | 2.8    | ND     | ND     | 1.7 J  | 0.77   |        |        |                |        |        |        |        | 1.4    |        |             |        |        | 0.44 J |        | 0.76   |        | ND      |        | ND     |        |         | 0.52   | dry    |        | 0.61   |         |    |    |
| MW-47B                       |              |        |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     | ND     |        | ND      |    |    |
| MW-48A                       |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |                |        |        |        |        |        |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        |        |         |    |    |
| MW-48B                       |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     | ND     |        |        |                | ND     |        |        |        |        |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        | ND     |        |        |         |    |    |
| MW-49A                       | ND           |        | ND     | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |                | ND     |        | ND     |        | ND     |        |             |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        |         |    |    |
| MW-49B                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |                | ND     |        | 0.1 J  |        | ND     |        |             |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        |         |    |    |
| MW-49C                       | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |                | ND     |        |        |        | ND     |        |             |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |         | ND     |        | ND     |        |         |    |    |
| MW-50A                       |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        |        |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |



TABLE 5

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING

FORMER ROWE INDUSTRIES SUPERFUND SITE

1668 SAG HARBOR TURNPIKE

SAG HARBOR, NEW YORK

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

| Monitor or<br>Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |        |                |        |        |        |        |        |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
|------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|--------|--------|---------|----|----|
|                              | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4,<br>2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | Jun-13      | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sept-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |    |
|                              |              |        |        |        |        |        |        |        |        |        |        |        |        |                |        |        |        |        |        |        | (6-12-2013) |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| N-1A                         |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| N-1B                         |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |
| N-2A                         |              |        |        |        |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| N-2B                         |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |
| N-9                          |              |        |        |        |        |        |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        |        |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| N-16                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |
| N-17                         |              | ND     |        | ND     |        | ND     |        | ND     |        | ND     |        |        |        |                | ND     |        |        |        | ND     |        |             |        |        |        |        |        |        |         |        |        |        |         |        |        |        |        |         |    |    |
| N-32                         |              |        |        |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        |        | ND     |        | ND     |         | ND     |        | ND     |         | ND     | ND     | ND     | ND     | ND      | ND | ND |
| N-32B                        |              |        |        |        |        |        |        |        |        |        |        |        |        |                |        |        |        |        |        |        |             |        |        |        |        |        |        |         |        |        |        |         |        | ND     | ND     | ND     | ND      | ND | ND |
| N-37                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        | ND     |        | ND     |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        |         |        |        |        |        |         |    |    |
| N-38                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |                | ND     |        |        |        | ND     |        |             |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND      |        |        |        |        |         |    |    |
| N-39                         | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |        |                | ND     |        |        |        | 0.12 J |        |             |        |        | ND     |        | ND     |        | ND      |        | 0.49 J |        | 0.47 J  |        | 0.77   |        |        |         |    |    |

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



TABLE 6

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK

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

| Monitor or Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|---------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                           | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13 (6-12-2013) | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| MW-B1                     |              |        |        | ND     | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-B2                     |              |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        | ND      |        |        |        |        |        |        |        |        |         |    |
| MW-B3                     |              |        |        |        |        |        |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        | ND      |        |        |        |        |        |        |        |        |         |    |
| MW-B4                     |              |        |        |        |        |        |        |        |        | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        | ND      |        |        |        |        |        |        | ND     |        | ND      |    |
| FRW-1                     | 620          | 10     | 43     | ND     | ND     | 8.3    | 79     | ND     | ND     | 3.0    | 10     | 150    | 130         | 170    | 190    | 60     | 15     | 110    | 290    | 6.1                 | 8.7    | 27     | 110    | 11     | 8.6    | 4.5    | 12      | 5.8    | 1.2    | 1.9    | 1.6    | 5.9    | 7.9    | 1.6    | 6.3    | 2.9     |    |
| FRW-2                     | 180          | 12     | 73     | 110    | 0.62   | 14     | 34     | 2.9    | 1.4    | 4.6    | 0.32 J | 87     | 68          | 42     | 25     | 51     | 70     | 69     | 47     | 22                  | 14     | 17     | 160    | 16     | 15     | 0.34 J | 15      | 0.77   | 13     | ND     | 0.35 J | 5.2    | 1.2    | 0.39 J | 0.52   | 0.59    |    |
| FRW-3                     | 110          | 11     | 160    | 8.4    | 50     | 19     | 62     | 17     | 2.4    | 4.0    | 2.9    | 41     | 34          | 45     | 37     | 25     | 69     | 120    | 370    | 46                  | 70     | 35     | 21     | 10     | 37     | 13     | 27      | 2.0    | 81     | 5.1    | 10     | 23     | 29     | 2.2    | 20     | 6.1     |    |
| FRW-4                     | ND           | ND     | ND     | ND     | ND     | ND     | 0.52   | ND     | 3.1    | 6.8    | 2.4    | 19     | 21          | 25     | 14     | 1.1    | 2.4    | 43     | 39     | 9.3                 | 3.0    | 4.9    | 4.1    | 7.5    | 1.2    | 4.3    | 11      | 2.9    | 3.1    | ND     | 0.61   | 4.4    | 5.4    | 3.8    | 2.2    | 0.51    |    |
| RW-1                      | ND           |        |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        | ND     |        | ND     |        | ND     |         | ND     |        |        | ND     |        |        |        |        |         |    |
| RW-2                      | ND           | 0.65   |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | 0.70   | 0.57   | 0.81   | 0.59   |                     | 0.39 J | 0.61   | 2.1    | 1.8    | 0.70   | 0.54   | 0.51    | ND     | ND     | ND     |        | ND     | ND     | ND     | ND     | ND      |    |
| RW-3                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| RW-4                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     | ND     | ND     | ND     |                     | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | 0.28 J | 1.7    |        | ND     | ND     |        | ND      |    |
| RW-5                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| RW-6                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     | ND     | ND     | ND     |                     | ND     | ND     | ND     | ND     | 0.28 J | 0.54   | ND      | ND     | ND     | ND     | ND     | ND     | ND     |        | ND     |         | ND |
| RW-7                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     | ND     | ND     | ND     |                     | ND     | ND     | ND     | ND     | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND     |        | ND     |        |         |    |
| RW-8                      |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| RW-9                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |             | ND     | ND     | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-28A                    | ND           | ND     | ND     | 24     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             |        | ND     | ND     |        | 1.7    |        |                     |        |        | 34     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | 0.73   | ND      |    |
| MW-28B                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             |        | ND     | ND     |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-42B                    | ND           | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        |        |        | ND      |        |        |        |        |        |        | ND     |        | ND      |    |
| MW-43A                    | ND           |        |        |        |        | ND     |        |        | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND     |        |        | ND     |        | ND      |    |
| MW-43B                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND     | ND     |        |        | ND      |    |
| MW-43C                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND     | ND     |        |        |        | ND      |    |
| MW-44A                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-44B                    | ND           |        | ND     | ND     | ND     |        | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-44C                    | ND           | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-45A                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |        |             | ND     | ND     | ND     |        | ND     | ND     |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-45B                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     | ND     | ND     |        |        | ND     |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     | ND     | ND      |    |
| MW-46A                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| MW-46B                    |              |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        |        |        |        |        |        |         |    |
| MW-47A                    |              | ND     | ND     |        | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        |        |        | ND     | dry    |        | 0.4 J   |    |
| MW-47B                    |              |        |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     | ND     |        | ND      |    |
| MW-48A                    |              |        |        |        |        |        | ND     |        | ND     |        |        |        |             |        |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-48B                    |              | ND     |        | ND     | ND     |        | ND     |        | ND     | ND     |        |        |             | ND     |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-49A                    | ND           |        | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-49B                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        | ND     |        | ND     |        |                     |        | ND     |        | ND     |        | ND     |         | ND     |        | ND     |        | ND     |        | ND     |        |         |    |
| MW-49C                    | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |             | ND     |        | ND     |        | ND     |        |                     | ND     |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-50A                    |              |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-50B                    |              | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-50C                    |              |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| MW-52A                    |              | ND     |        | ND     | ND     |        | ND     | ND     | ND     | ND     |        |        |             | ND     | ND     | ND     |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        | ND     |         |    |
| MW-53                     |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     | ND     | ND      | ND     | ND     | ND     | ND     |        |        | ND     |        | ND      |    |
| MW-54                     |              | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND</   |        |        |        |         |        |        |        |        |        |        |        |        |         |    |

TABLE 6

SUMMARY REPORT FOR SEPTEMBER 2017 SEMI-ANNUAL GROUNDWATER SAMPLING  
FORMER ROWE INDUSTRIES SUPERFUND SITE  
1668 SAG HARBOR TURNPIKE  
SAG HARBOR, NEW YORK

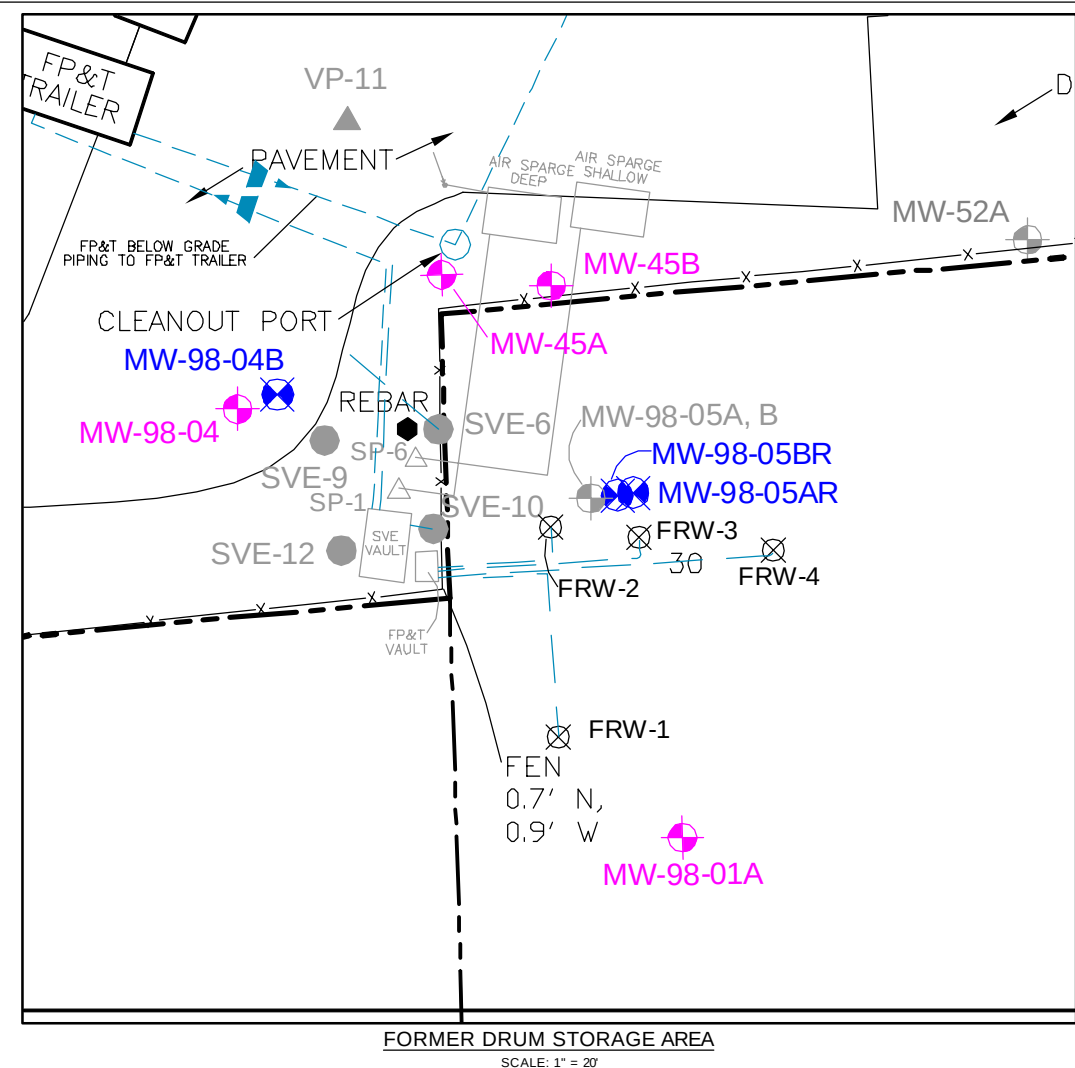
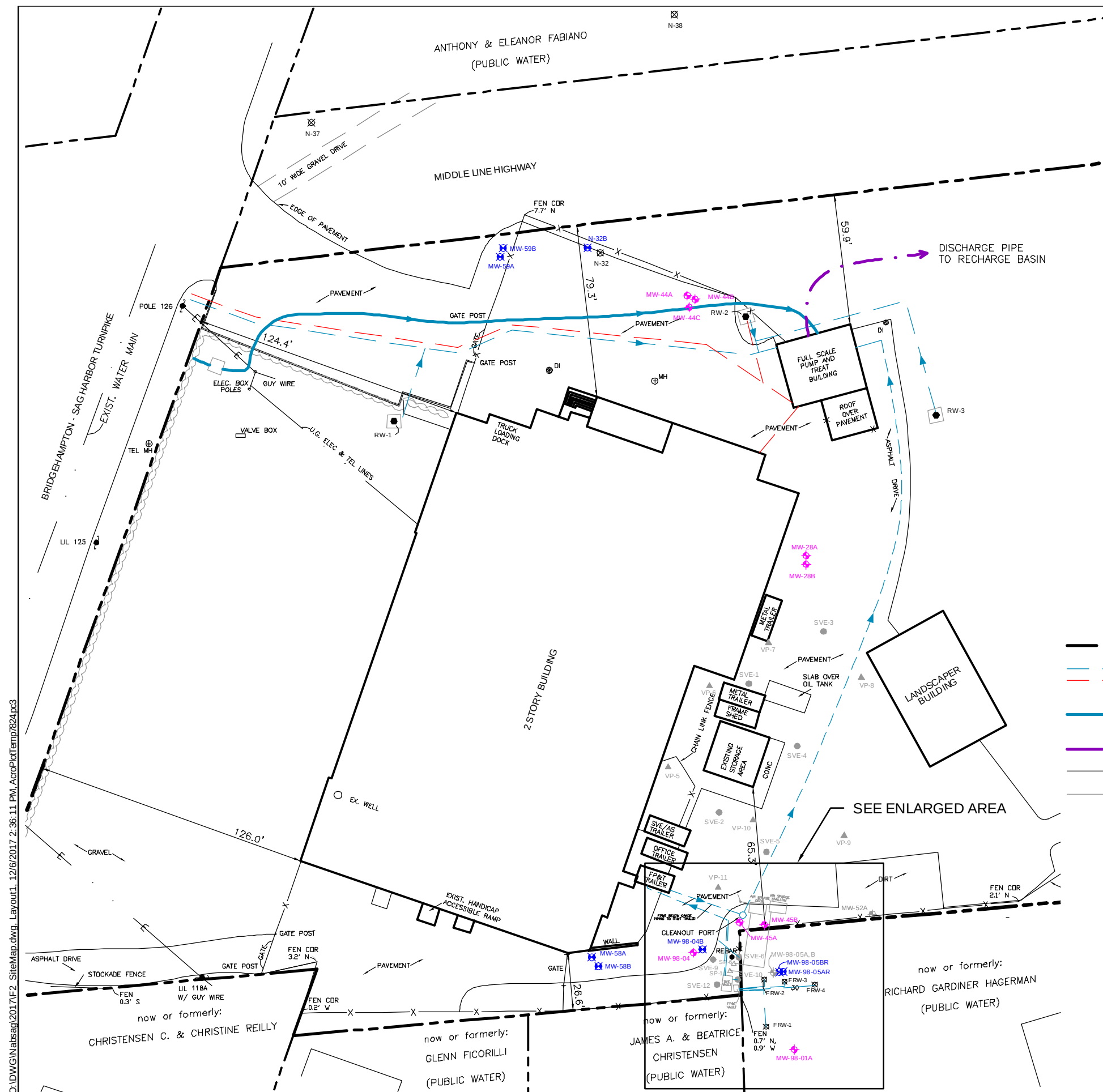
CURRENT AND HISTORIC CONCENTRATIONS OF cisDCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

| Monitor or Recovery Wells | Sample Dates |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
|---------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|----|
|                           | Mar-07       | Oct-07 | Mar-08 | Sep-08 | Sep-09 | Mar-10 | Sep-10 | Mar-11 | Sep-11 | Mar-12 | Jun-12 | Aug-12 | Sep 4, 2012 | Sep-12 | Oct-12 | Dec-12 | Feb-13 | Mar-13 | Apr-13 | June-13 (6-12-2013) | Jun-13 | Jul-13 | Sep-13 | Nov-13 | Mar-14 | Jun-14 | Sept-14 | Dec-14 | Mar-15 | Jun-15 | Sep-15 | Feb-16 | Mar-16 | Sep-16 | Mar-17 | Sept-17 |    |
| MW-98-01A                 | ND           | 1.7    | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        | 0.11 J |        | 0.57   |        |                     |        |        |        | 0.79   |        | ND     |         | ND     |        | ND     |        | ND     |        | ND     | ND     | ND      | ND |
| MW-98-04                  | ND           | ND     | ND     | 3.2    | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | 68     | 7.0    |                     |        | 1.1    | ND     | ND     | ND     | ND     |         | ND     |        | ND     |        | ND     | ND     | ND     | ND     | ND      | ND |
| MW-98-04B                 |              |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        | ND     | ND     | ND     | ND     | ND     | ND      | ND |
| MW-98-05A                 | 72           | 140    | 59     | 63     | 3.8    | 9.8    | 41     | 4.8    | 1.0    | 0.4 J  |        | ND     | 5.0         | 4.8    | 0.15 J | 11     | 56     | 59     | 160    |                     |        |        | 120    |        | 32     |        | 2.0     |        | 28     |        | ND     |        | ND     |        | ND     |         |    |
| MW-98-05AR                |              |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        | ND     | 0.32 J | ND     | ND     | ND     | ND      |    |
| MW-98-05B                 |              |        | ND     |        | ND     | ND     | ND     | ND     | ND     | 0.19 J |        |        |             | 0.13 J |        |        | 0.42 J | 0.59   | 0.49 J |                     |        |        | 0.43 J |        | ND     |        | ND      |        | ND     |        | 1.1    | ND     | ND     | ND     | ND     | ND      |    |
| MW-98-05BR                |              |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        | ND     | ND     | ND     | ND     | ND      | ND |
| N-1A                      |              |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-1B                      |              | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| N-2A                      |              |        |        |        | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-2B                      |              | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| N-9                       |              |        |        |        |        |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-16                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |
| N-17                      |              | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |        |             | ND     |        |        |        | ND     |        |                     |        |        |        |        |        |        |         |        |        |        |        |        |        |        |        |         |    |
| N-32                      |              |        |        |        | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     | ND     | ND     | ND     | ND     | ND      | ND |
| N-32B                     |              |        |        |        |        |        |        |        |        |        |        |        |             |        |        |        |        |        |        |                     |        |        |        |        |        |        |         |        |        |        |        | ND     | ND     | ND     | ND     | ND      | ND |
| N-37                      | ND           | ND     | ND     |        | ND     | ND     |        | ND     |        | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| N-38                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | ND     |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        | ND     |        |        |         |    |
| N-39                      | ND           | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     | ND     |        |        |             | 0.13 J |        |        |        | ND     |        |                     |        |        | ND     |        | ND     |        | ND      |        | ND     |        | ND     |        |        |        |        |         |    |

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

## **FIGURES**





- LEGEND**

  - PROPERTY BOUNDARY
  - APPROXIMATE LOCATION OF BELOW GRADE PIPING (DASHED BLUE) AND ELECTRICAL CONDUIT (DASHED RED)
  - APPROXIMATE LOCATION OF POTABLE WATER PIPE
  - APPROXIMATE LOCATION OF DISCHARGE PIPE
  - CHAIN LINK FENCE
  - APPROXIMATE LOCATION OF DECOMMISSIONED BELOW GRADE AIR SPARGE PIPING
  - GROUNDWATER MONITOR WELL LOCATION
  - LOCATED SCDHS WELL
  - FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
  - DECOMMISSIONED VAPOR MONITORING POINT LOCATION
  - WELLS THAT WERE DESTROYED OR DECOMMISSIONED IN DECEMBER 2004, FEBRUARY 2012 AND DECEMBER 2015
  - FULL SCALE PUMP AND TREAT RECOVERY WELL
  - DECEMBER 2015 MONITOR WELL LOCATION



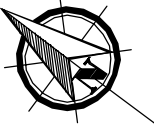
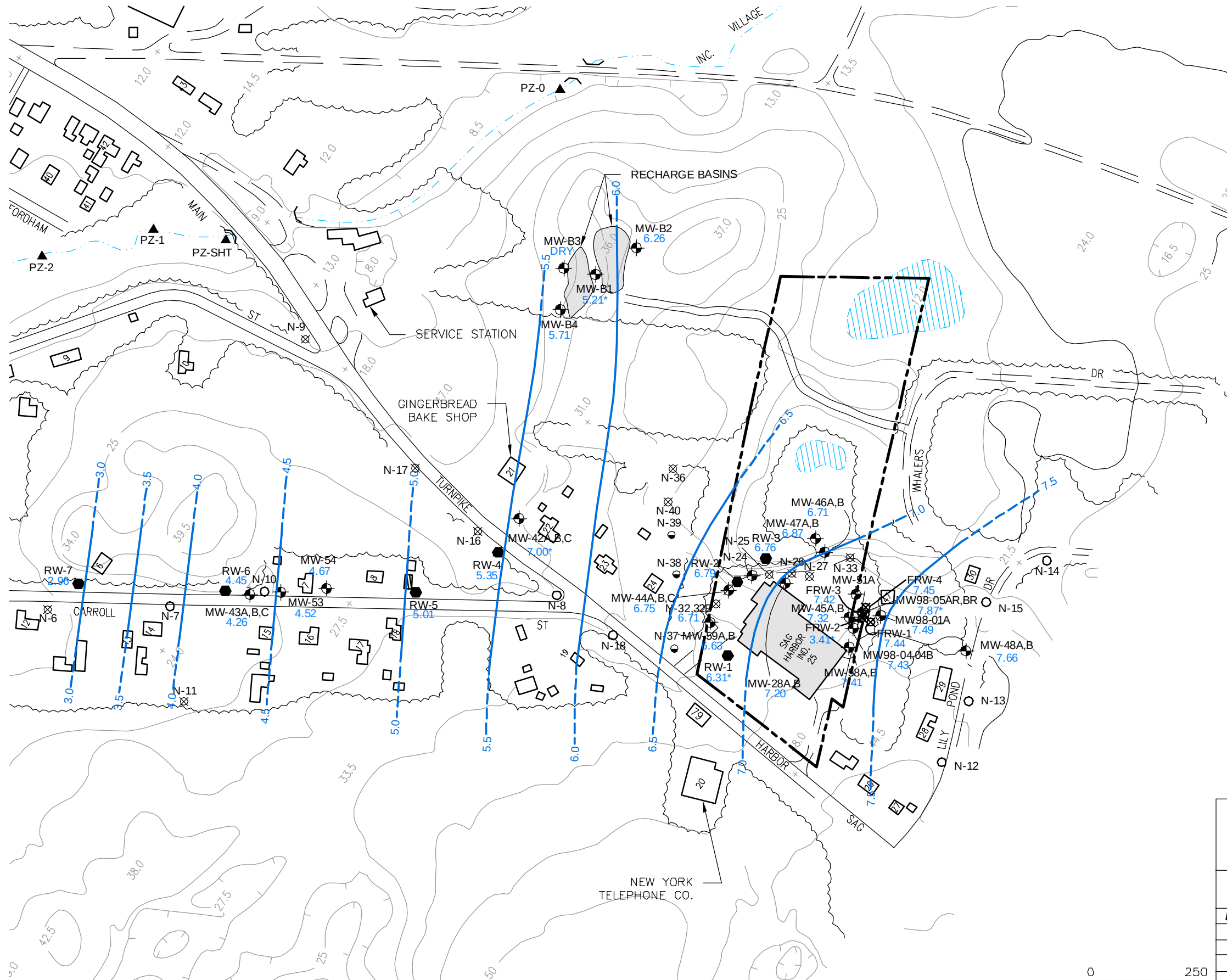
GROUNDWATER REMEDIAL ACTION  
 FORMER ROWE INDUSTRIES SUPERFUND SITE  
 SAG HARBOR, NEW YORK

## SITE MAP

|        |         |                                                                                                                                                                                                                                                                                                                          |    |       |          |         |   |
|--------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|----------|---------|---|
| DATE   | REVISED | PREPARED BY:<br><b>LBG HYDROGEOLOGIC &amp; ENGINEERING SERVICES, P.C.</b><br>Professional Geologists & Environmental Engineers<br> Member<br>of<br>WSP4 Research Drive<br>Suite 204<br>Shelton, Connecticut 06484<br>(203) 929-8555 |    |       |          |         |   |
| DRAWN: | RAC     | CHECKED:                                                                                                                                                                                                                                                                                                                 | TS | DATE: | 11/29/17 | FIGURE: | 2 |



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

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

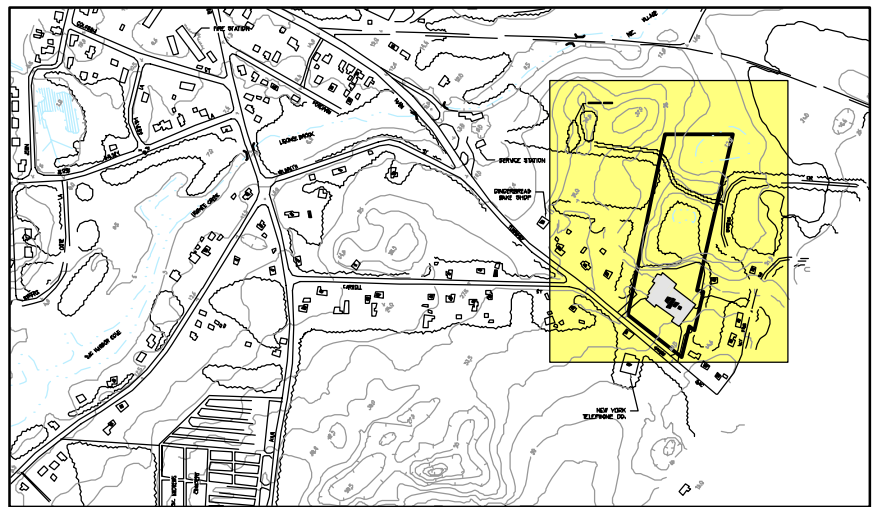
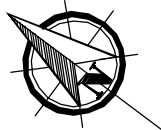
SEPTEMBER 2017 GROUNDWATER ELEVATION CONTOUR MAP  
CONDITIONS WITHOUT FP&T AND FSP&T SYSTEMS OPERATING

| DATE | REVISED |
|------|---------|
|      |         |
|      |         |
|      |         |
|      |         |
|      |         |

|                                                                                                                                |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| PREPARED BY:<br><b>LBG HYDROGEOLOGIC &amp; ENGINEERING SERVICES, P.C.</b><br>Professional Geologists & Environmental Engineers |                                                                               |
|                                           | Member<br>of<br><b>WSP</b>                                                    |
|                                                                                                                                | 4 Research Drive<br>Suite 204<br>Shelton, Connecticut 06484<br>(203) 929-8555 |
|                                                                                                                                |                                                                               |
| DRAWN:                                                                                                                         | RAC                                                                           |
| CHECKED:                                                                                                                       | TS                                                                            |
| DATE:                                                                                                                          | 12/06/17                                                                      |
| FIGURE:                                                                                                                        | 3                                                                             |

0 250  
SCALE IN FEET

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KEY MAP  
SCALE: 1" = 1000'

LEGEND

- LOCATED SCDS WELL
- REPAIRED SCDS WELL
- UNLOCATED SCDS WELL
- PROPERTY OWNERS WELL
- GROUNDWATER MONITOR WELL
- RECOVERY WELL
- FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- APPROXIMATE CAPTURE ZONE
- GROUNDWATER ELEVATION IN FEET

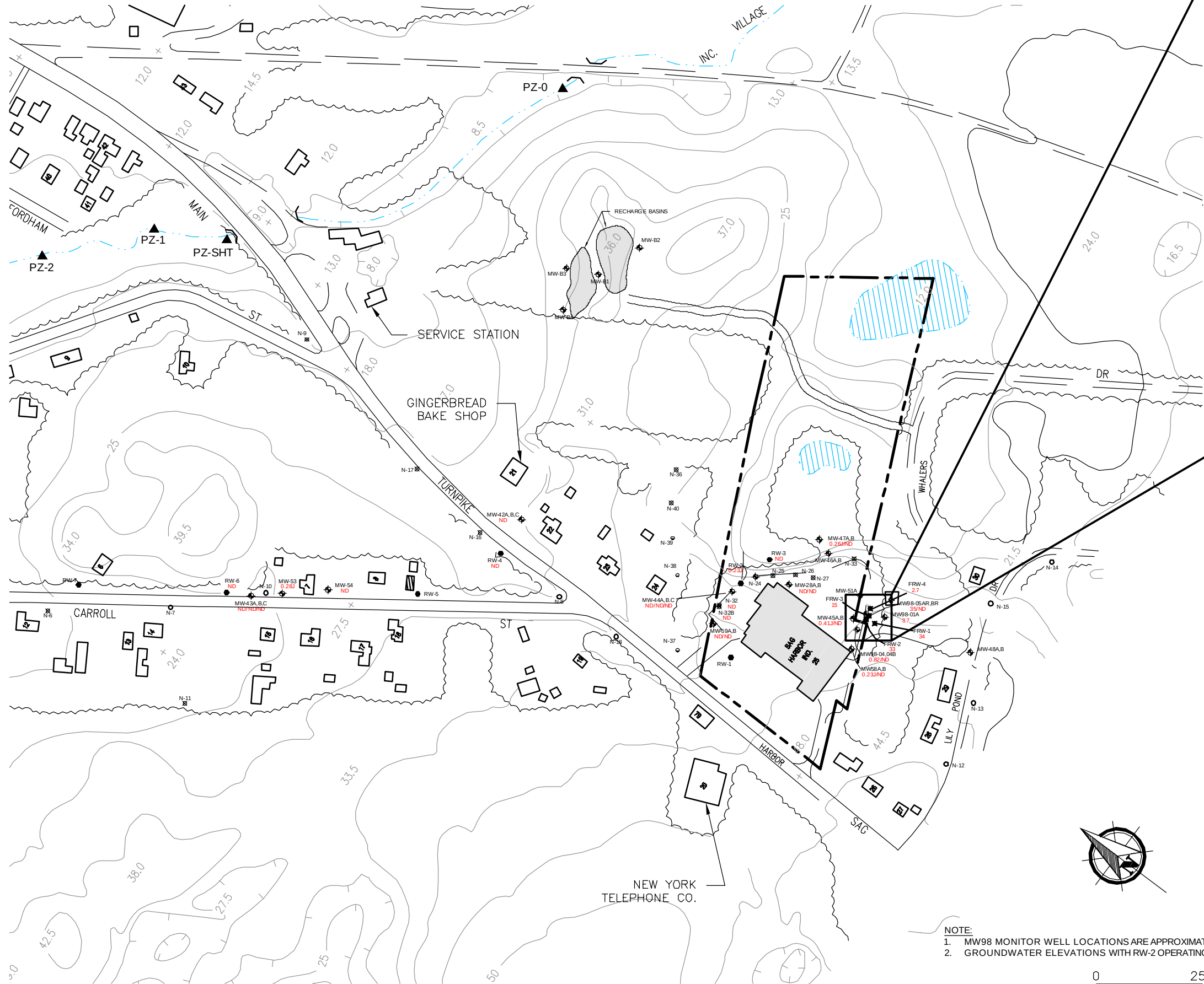
NOTE:  
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.  
2. GROUNDWATER ELEVATIONS WITH RW-2 AND FRWs OPERATING.

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

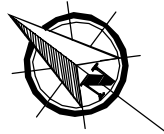
NOVEMBER 2017 GROUNDWATER ELEVATION CONTOUR MAP AND  
CAPTURE ZONE WITH FP&T AND FSP&T SYSTEMS OPERATING

| DATE   | REVISED | PREPARED BY:<br>LBG HYDROGEOLOGIC & ENGINEERING SERVICES, P.C.<br>Professional Geologists & Environmental Engineers |
|--------|---------|---------------------------------------------------------------------------------------------------------------------|
|        |         | Member of WSP                                                                                                       |
|        |         | 4 Research Drive<br>Suite 204<br>Shelton, Connecticut 06484<br>(203) 929-8555                                       |
| DRAWN: | RAC     | CHECKED: TS                                                                                                         |
|        |         | DATE: 12/06/17                                                                                                      |
|        |         | FIGURE: 4                                                                                                           |

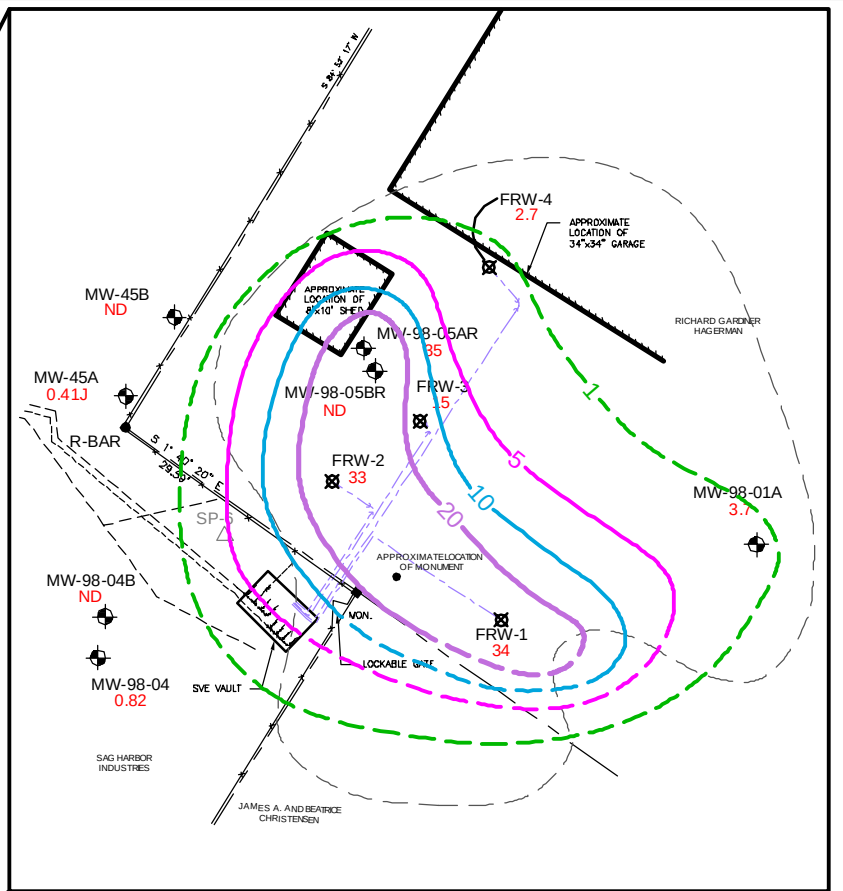
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- NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
  2. GROUNDWATER ELEVATIONS WITH RW-2 OPERATING.



0 250  
SCALE IN FEET



BLOWUP MAP  
SCALE: 1" = 20'

LEGEND

- LOCATED SCDS WELL
- REPAIRED SCDS WELL
- UNLOCATED SCDS WELL
- PROPERTY OWNERS WELL
- GROUNDWATER MONITOR WELL
- RECOVERY WELL
- FOCUSED REMEDIATION RECOVERY WELL (APPROXIMATE LOCATION)
- PCE CONCENTRATION (ppb)
- NOT DETECTED
- APPROXIMATE EXTENT OF SHALLOW CLAY LENS
- PCE CONCENTRATION CONTOURS (ppb) (DASHED WHERE INFERRED)

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

SEPTEMBER 2017 PCE PLUME MAP

| DATE   | REVISED | PREPARED BY:<br>LBG HYDROGEOLOGIC & ENGINEERING SERVICES, P.C.<br>Professional Geologists & Environmental Engineers |
|--------|---------|---------------------------------------------------------------------------------------------------------------------|
|        |         | Member of WSP                                                                                                       |
|        |         | 4 Research Drive<br>Suite 204<br>Shelton, Connecticut 06484<br>(203) 929-8555                                       |
| DRAWN: | RAC     | CHECKED: TS                                                                                                         |
|        |         | DATE: 12/06/17                                                                                                      |
|        |         | FIGURE: 5                                                                                                           |



**APPENDIX I**

**Low-Flow Sampling Logs**



Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1

SAMPLE DATE: 9/19/17

TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries  
Project Location: Sag Harbor, NY  
Sampler(s): LD  
Sample Pump: geopump (peristaltic)  
Tubing Type: PE & Silicone  
Monitoring Equipment: Horiba  
Well I.D.: MW - 28A  
Screen Setting (ft btoc): 30 to 40  
Well Diameter (inches): 2 in  
Tubing Intake (ft btoc): ~35  
Total Depth (ft btoc): 39.15  
Comments: Pump on @ 1148  
Depth to Water (ft btoc): 18.93 Time: 1134  
Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                         |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1151            | 18.93                          | 150                            | 6.81                                | 0.238                   | 9.9                | 9.79                          | 18.21               | -77         |
| 1154            | 18.94                          |                                | 6.69                                | 0.241                   | 9.8                | 4.65                          | 18.12               | -71         |
| 1157            | 18.94                          |                                | 6.66                                | 0.242                   | 7.4                | 3.15                          | 18.13               | -67         |
| 1200            | 18.94                          |                                | 6.66                                | 0.244                   | 7.7                | 2.19                          | 18.01               | -65         |
| 1203            | 18.94                          |                                | 6.65                                | 0.245                   | 7.4                | 1.85                          | 17.95               | -64         |
| 1206            | 18.94                          |                                | 6.65                                | 0.244                   | 7.4                | 1.64                          | 17.95               | -64         |
| 1209            | 18.94                          |                                | 6.65                                | 0.244                   | 7.5                | 1.57                          | 17.95               | -64         |
| 1212            | 18.94                          |                                | 6.65                                | 0.244                   | 7.5                | 1.55                          | 17.95               | -64         |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |     |                         |                    |                               |                     |             |
| 1206 | 1209 | 0.0                            | 0.0                            | 0.0 | 0.07                    | + 1.3%             | 4.27%                         | 0.0%                | 0           |
| 1209 | 1212 | 0.0                            | 0.0                            | 0.0 | 0.07                    | 0.0%               | 1.27%                         | 0.0%                | 0           |
| 1206 | 1212 | 0.0                            | 0.0                            | 0.0 | 0.07                    | + 1.3%             | 5.49%                         | 0.0%                | 0           |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|
| Stabilization:<br>(Yes/No) | Y | Y | Y | Y | Y | Y | Y | Y |
|----------------------------|---|---|---|---|---|---|---|---|

Sample Time: 1215 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
µs/cm microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-28B Screen Setting (ft btoc): 40 to 50  
Well Diameter (inches): 2 inch Tubing Intake (ft btoc): 45  
Total Depth (ft btoc): 49.7 Comments: Pump on @ 1229  
Depth to Water (ft btoc): 18.85 Time: 1225 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                         |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1234            | 18.85                          | 150                            | 6.72                                | 0.178                   | 3.5                | 10.51                         | 19.10               | -14         |
| 1237            | 18.85                          | 1                              | 6.55                                | 0.178                   | 3.6                | 4.62                          | 18.55               | 13          |
| <del>1240</del> | 18.85                          | 1                              | 6.49                                | 0.178                   | 3.7                | 2.60                          | 18.46               | 13          |
| 1243            | 18.85                          | 1                              | 6.47                                | 0.178                   | 3.7                | 2.04                          | 18.36               | 12          |
| 1246            | 18.85                          | 1                              | 6.46                                | 0.178                   | 3.7                | 1.71                          | 18.34               | 11          |
| 1249            | 18.85                          | 1                              | 6.46                                | 0.178                   | 3.8                | 1.65                          | 18.34               | 11          |
| 1252            | 18.85                          | 1                              | 6.46                                | 0.178                   | 3.8                | 1.58                          | 18.32               | 11          |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~.75

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |     |                         |                    |                               |                     |             |
| 1246 | 1249 | 0.0                            | 0.0                            | 0.0 | 0.01                    | + 2.637            | -3.517                        | 0.07                | 0           |
| 1249 | 1252 | 0.0                            | 0.0                            | 0.0 | 0.01                    | 0.07               | -4.357                        | -0.117              | 0           |
| 1246 | 1252 | 0.0                            | 0.0                            | 0.0 | 0.01                    | + 2.637            | -7.607                        | -0.117              | 0           |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |
|      |      |                                |                                |     |                         |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1255 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
µs/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/20/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-42B Screen Setting (ft btoc): 56 to 66  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): ~60  
Total Depth (ft btoc): 64.45 Comments: Pump on @ : 0951  
Depth to Water (ft btoc): 16.67 Time: 0941 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 0955            | 16.14                          | 100                            | 6.45                                | 0.212                         | 7.2                | 5.41                          | 18.99                          | 159         |
| 0958            | 16.16                          |                                | 6.56                                | 0.209                         | 4.7                | 3.11                          | 17.26                          | 142         |
| 1001            | 16.16                          |                                | 6.57                                | 0.208                         | 4.0                | 2.41                          | 17.24                          | 126         |
| 1004            | 16.16                          |                                | 6.57                                | 0.207                         | 4.6                | 1.93                          | 17.27                          | 91          |
| 1007            | 16.16                          |                                | 6.56                                | 0.207                         | 3.6                | 1.70                          | 17.18                          | 61          |
| 1010            | 16.16                          |                                | 6.55                                | 0.205                         | 3.2                | 1.85                          | 17.07                          | 40          |
| 1013            | 16.16                          |                                | 6.54                                | 0.204                         | 3.3                | 1.27                          | 17.00                          | 31          |
| 1016            | 16.16                          |                                | 6.54                                | 0.204                         | 3.3                | 1.22                          | 16.98                          | 30          |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~75

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1010 | 1013 | +0                             | +0                             | -0.01 | -0.48%                        | +3.03%             | 5.93%                         | -0.41%                         | -9          |
| 1013 | 1016 |                                |                                | +0    | -0.1%                         | +0.1%              | 3.94%                         | -0.12%                         | -1          |
| 1010 | 1016 |                                |                                | -0.01 | -0.48%                        | +3.03%             | 9.63%                         | -0.53%                         | -10         |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1019 Reviewed by: ML

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D. MW-43A Screen Setting (ft btoc): 97.14 to 107.29  
Well Diameter (inches): 2 inches Tubing Intake (ft btoc): ~ 25  
Total Depth (ft btoc): 28.28 Comments: Pump on @ 1111  
Depth to Water (ft btoc): 18.51 Time: 1100 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                                             |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|---------------------------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu\text{S}/\text{cm}$ ) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1116            | 18.51                          | 150                            | 6.32                                | 0.410                                       | 9.8                | 9.03                          | 21.65               | 208         |
| 1119            | 18.51                          |                                | 5.96                                | 0.409                                       | 10.6               | 6.67                          | 20.96               | 211         |
| 1121            | 18.51                          |                                | 5.87                                | 0.409                                       | 7.9                | 6.06                          | 20.81               | 211         |
| 1124            | 18.51                          |                                | 5.83                                | 0.404                                       | 5.7                | 5.40                          | 20.37               | 209         |
| 1127            | 18.51                          |                                | 5.81                                | 0.399                                       | <del>5.8</del> 3.7 | 4.66                          | 20.00               | 205         |
| 1130            | 18.51                          |                                | 5.80                                | 0.397                                       | 3.5                | 4.23                          | 19.64               | 204         |
|                 | * wait for D.O. to stabilize * |                                |                                     |                                             |                    |                               |                     |             |
| 1137            | 18.51                          | 150                            | 5.79                                | 0.395                                       | 0.8                | 3.75                          | 19.03               | 204         |
| 1140            | 18.51                          |                                | 5.79                                | 0.395                                       | 0.8                | 3.76                          | 19.01               | 204         |
| 1143            | 18.51                          |                                | 5.79                                | 0.400                                       | 0.8                | 3.77                          | 19.00               | 205         |

Total Volume of Groundwater Purged (gal): ~1.25

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu\text{S}/\text{cm}$ ) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|---------------------------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |     |                                             |                    |                               |                     |             |
| 1137 | 1140 | 0.0                            | 0.0                            | 0.0 | 0.01                                        | 0.07               | 0.0                           | -0.11               | 0           |
| 1140 | 1143 | 0.0                            | 0.0                            | 0.0 | +1.257                                      | 0.07               | +0.26                         | -0.05               | +1          |
| 1137 | 1143 | 0.0                            | 0.0                            | 0.0 | +1.257                                      | 0.07               | +0.26                         | -0.16               | +1          |
|      |      |                                |                                |     |                                             |                    |                               |                     |             |
|      |      |                                |                                |     |                                             |                    |                               |                     |             |
|      |      |                                |                                |     |                                             |                    |                               |                     |             |
|      |      |                                |                                |     |                                             |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1146 Reviewed by: MS

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu\text{S}/\text{cm}$  microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-43B Screen Setting (ft btoc): 64 to 74  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): 74  
Total Depth (ft btoc): 72.46 Comments: Pump on @ : 1204  
Depth to Water (ft btoc): 18.71 Time: 1156 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1209            | 18.71                          | 150                            | 5.91                                | 0.410                         | 20.6               | 9.01                          | 19.45               | 202         |
| 1212            | 18.71                          |                                | 5.85                                | 0.462                         | 19.1               | 5.84                          | 19.33               | 203         |
| 1215            | 18.71                          |                                | 5.89                                | 0.475                         | 16.7               | 4.80                          | 19.15               | 200         |
| 1218            | 18.71                          |                                | 5.89                                | 0.475                         | 14.0               | 4.13                          | 18.95               | 192         |
| 1221            | 18.71                          |                                | 5.84                                | 0.475                         | 12.5               | 3.71                          | 18.94               | 190         |
| 1224            | 18.71                          |                                | 5.89                                | 0.480                         | 10.1               | 3.53                          | 18.78               | 189         |
| 1227            | 18.71                          |                                | 5.89                                | 0.481                         | 10.3               | 3.40                          | 18.69               | 189         |
| 1230            | 18.71                          |                                | 5.89                                | 0.488                         | 10.4               | 3.25                          | 18.69               | 186         |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                     |             |
| 1224 | 1227 | 0.0                            | 0.0                            | 0.0 | +1.44%                        | 1.94               | 3.68                          | -0.83%              | 0           |
| 1227 | 1230 | 0.0                            | 0.0                            | 0.0 | +0.2%                         | 0.96               | 4.41                          | 0.0%                | 3           |
| 1224 | 1230 | 0.0                            | 0.0                            | 0.0 | +1.64%                        | 2.88               | 7.93                          | -0.83%              | 3           |
|      |      |                                |                                |     |                               |                    |                               |                     |             |
|      |      |                                |                                |     |                               |                    |                               |                     |             |
|      |      |                                |                                |     |                               |                    |                               |                     |             |
|      |      |                                |                                |     |                               |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1233 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-430 Screen Setting (ft btoc): 97 to 107  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): ~ 103  
Total Depth (ft btoc): > 100 Comments: Pump on @ 1252  
Depth to Water (ft btoc): 18.76 Time: 1245 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1257            | 18.76                          | 150                            | 6.58                                | 0.115                         | 6.4                | 5.86                          | 19.41                          | 4           |
| 1300            | 18.76                          |                                | 6.64                                | 0.115                         | 8.2                | 5.28                          | 19.54                          | -31         |
| 1303            | 18.76                          |                                | 6.70                                | 0.112                         | 3.3                | 5.74                          | 19.58                          | -47         |
| 1306            | 18.76                          |                                | 6.74                                | 0.113                         | 2.8                | 2.72                          | 18.81                          | -61         |
| 1309            | 18.76                          |                                | 6.77                                | 0.112                         | 1.5                | 2.03                          | 18.94                          | -69         |
| 1312            | 18.76                          |                                | 6.77                                | 0.111                         | 2.3                | 1.73                          | 19.31                          | -71         |
| 1315            | 18.76                          |                                | 6.77                                | 0.111                         | 2.5                | 1.43                          | 19.35                          | -74         |
| 1318            | 18.76                          |                                | 6.77                                | 0.111                         | 2.3                | 1.40                          | 19.20                          | -74         |
| 1321            | 18.76                          |                                | 6.77                                | 0.110                         | 2.3                | 1.30                          | 19.20                          | -75         |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                                |             |
| 1315 | 1318 | 0.0                            | 0.0                            | 0.0 | 0.07                          | 8.01               | 2.09                          | 0.77                           | 0           |
| 1318 | 1321 | 0.0                            | 0.0                            | 0.0 | 0.97                          | 0.07               | 7.14                          | 0.0                            | +1          |
| 1315 | 1321 | 0.0                            | 0.0                            | 0.0 | 0.97                          | 8.01               | 9.09                          | 0.77                           | +1          |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |

Recommended Stabilization: +/- 0.3    100-500    +/- 0.1    +/- 3%    +/- 10%    +/- 10%    +/- 3%    +/- 10

Stabilization: (Yes/No)    Y    Y    Y    Y    Y    Y    Y    Y

Sample Time: 1324 Reviewed by: [Signature]

ft btoc    feet below top of casing  
ml/min    milliliters per minute  
 $\mu$ S/cm    microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C    degrees Celsius  
mv    millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 7/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-44A Screen Setting (ft btoc): 16 to 36  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~30  
Total Depth (ft btoc): 36.00 Comments: Pump on @ 1449  
Depth to Water (ft btoc): 23.01 Time: 1442 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1454            | 23.02                          | 100                            | 6.07                                | 0.474                         | 2.0                | 2.83                          | 18.59                          | 136         |
| 1457            | 23.02                          | I                              | 6.02                                | 0.479                         | 1.2                | 2.33                          | 18.09                          | 153         |
| 1500            | 23.02                          | I                              | 5.99                                | 0.480                         | 1.1                | 2.31                          | 18.09                          | 166         |
| 1503            | 23.02                          | I                              | 5.99                                | 0.482                         | 1.2                | 2.34                          | 18.09                          | 169         |
| 1506            | 23.02                          | I                              | 5.98                                | 0.482                         | 1.2                | 2.31                          | 18.09                          | 175         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~.50

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH   | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |      |                               |                    |                               |                                |             |
| 1500 | 1503 | 0.0                            | 0.0                            | 0.0  | +0.417                        | + 8.33             | 0.07                          | 0.07                           | +3          |
| 1503 | 1506 | 0.0                            | 0.0                            | 0.01 | 0.07                          | 0.0                | 0.07                          | 0.07                           | +6          |
| 1500 | 1506 | 0.0                            | 0.0                            | 0.01 | +0.417                        | + 8.33             | 0.07                          | 0.07                           | +9          |
|      |      |                                |                                |      |                               |                    |                               |                                |             |
|      |      |                                |                                |      |                               |                    |                               |                                |             |
|      |      |                                |                                |      |                               |                    |                               |                                |             |
|      |      |                                |                                |      |                               |                    |                               |                                |             |
|      |      |                                |                                |      |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1509Reviewed by: ML

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-448 Screen Setting (ft btoc): 39 to 49  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): ~45  
Total Depth (ft btoc): 49 Comments: Pump on @ : 1408  
Depth to Water (ft btoc): 23.04 Time: 1405 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1412            | 23.04                          | 150                            | 6.39                                | 0.361                         | 28.8               | 4.9                           | 18.24                          | 32          |
| 1415            | 23.04                          |                                | 6.22                                | 0.391                         | 35.2               | 3.41                          | 18.02                          | 74          |
| 1418            | 23.04                          |                                | 6.20                                | 0.394                         | 37.8               | 3.22                          | 18.04                          | 78          |
| 1421            | 23.04                          |                                | 6.14                                | 0.408                         | 13.1               | 2.88                          | 17.65                          | 104         |
| 1424            | 23.04                          |                                | 6.08                                | 0.420                         | 5.8                | 2.54                          | 17.29                          | 122         |
| 1427            | 23.04                          |                                | 6.05                                | 0.423                         | 1.5                | 2.38                          | 17.29                          | 135         |
| 1430            | 23.04                          |                                | 6.05                                | 0.424                         | 1.4                | 2.34                          | 17.29                          | 140         |
| 1433            | 23.04                          |                                | 6.04                                | 0.424                         | 1.4                | 2.33                          | 17.29                          | 145         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                       |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|----------------------------|------|--------------------------------|--------------------------------|---------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM                       | TO   |                                |                                |         |                               |                    |                               |                                |             |
| 1427                       | 1430 | 0.0                            | 0.0                            | 0.0     | +0.23%                        | -6.67%             | -1.68%                        | 0.0%                           | +5          |
| 1430                       | 1433 | 0.0                            | 0.0                            | 0.01    | 0.0%                          | 0.0%               | -0.43%                        | 0.0%                           | +5          |
| 1427                       | 1433 | 0.0                            | 0.0                            | 0.01    | +0.23%                        | -6.67%             | -2.1%                         | 0.0%                           | +10         |
|                            |      |                                |                                |         |                               |                    |                               |                                |             |
|                            |      |                                |                                |         |                               |                    |                               |                                |             |
|                            |      |                                |                                |         |                               |                    |                               |                                |             |
|                            |      |                                |                                |         |                               |                    |                               |                                |             |
|                            |      |                                |                                |         |                               |                    |                               |                                |             |
| Recommended Stabilization  |      | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                        | +/- 10%            | +/- 10%                       | +/- 3%                         | +/- 10      |
| Stabilization:<br>(Yes/No) |      | Y                              | Y                              | Y       | Y                             | Y                  | Y                             | Y                              | Y           |

Sample Time: 1430 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-44C Screen Setting (ft btoc): 61 to 71  
Well Diameter (inches): 2 inch Tubing Intake (ft btoc): ~65  
Total Depth (ft btoc): 72.40 Comments: Pump on @ : 1330  
Depth to Water (ft btoc): 23.07 Time: 1322 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1335            | 23.07                          | 150                            | 6.52                                | 0.201                         | 2.4                | 14.41                         | 18.50                          | 10          |
| 1338            | 23.07                          | ┆                              | 6.52                                | 0.202                         | 3.0                | 6.25                          | 18.15                          | 5           |
| 1341            | 23.07                          |                                | 6.52                                | 0.201                         | 2.4                | 3.36                          | 18.03                          | -1          |
| 1344            | 23.07                          |                                | 6.51                                | 0.200                         | 4.1                | 2.30                          | 17.92                          | -3          |
| 1347            | 23.07                          |                                | 6.51                                | 0.199                         | 3.2                | 1.85                          | 17.86                          | -4          |
| 1350            | 23.07                          |                                | 6.50                                | 0.199                         | 3.8                | 1.50                          | 17.84                          | -4          |
| 1353            | 23.07                          |                                | 6.50                                | 0.199                         | 3.6                | 1.43                          | 17.84                          | -4          |
| 1356            | 23.07                          |                                | 6.50                                | 0.199                         | 3.5                | 1.43                          | 17.84                          | -4          |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                                |             |
| 1350 | 1353 | 0.0                            | 0.0                            | 0.0 | 0.0%                          | -5.26%             | -4.67                         | 0.0%                           | 0           |
| 1353 | 1356 | 0.0                            | 0.0                            | 0.0 | 0.0%                          | -2.78%             | 0.0                           | 0.0%                           | 0           |
| 1350 | 1356 | 0.0                            | 0.0                            | 0.0 | 0.0%                          | -7.89%             | -4.67                         | 0.0%                           | 0           |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|
| Stabilization:<br>(Yes/No) | Y | Y | Y | Y | Y | Y | Y | Y |
|----------------------------|---|---|---|---|---|---|---|---|

Sample Time: 1359Reviewed by: [Signature]

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/20/17TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-43A Screen Setting (ft btoc): 13.9 to 28.9  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~25  
Total Depth (ft btoc): 28.6 Comments: Pump on @ 9:33  
Depth to Water (ft btoc): 20.53 Time: 930 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 936             | 20.53                          | 150                            | 6.06                                | 0.187                         | 40.1               | 2.96                          | 18.60                          | 168         |
| 939             | 20.53                          | 150                            | 5.98                                | 0.186                         | 33.9               | 2.05                          | 18.07                          | 162         |
| 942             | 20.53                          | 150                            | 5.96                                | 0.188                         | 35.9               | 1.79                          | 17.48                          | 155         |
| 945             | 20.53                          | 150                            | 5.93                                | 0.190                         | 37.1               | 1.63                          | 17.15                          | 152         |
| 948             | 20.53                          | 150                            | 5.94                                | 0.193                         | 32.2               | 1.59                          | 16.83                          | 148         |
| 951             | 20.53                          | 150                            | 5.94                                | 0.194                         | 28.6               | 1.55                          | 16.67                          | 147         |
| 954             | 20.53                          | 150                            | 5.94                                | 0.193                         | 26.1               | 1.47                          | 16.55                          | 146         |
| 957             | 20.53                          | 150                            | 5.94                                | 0.193                         | 26.3               | 1.43                          | 16.46                          | 145         |
| 1000            | 20.53                          | 150                            | 5.94                                | 0.193                         | 26.0               | 1.41                          | 16.42                          | 144         |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |    |                               |                    |                               |                                |             |
| 954  | 957  | +0                             | 150                            | +0 | +0                            | +0.7%              | -2.7%                         | -0.5%                          | -1          |
| 957  | 1000 | ↓                              | ↓                              | ↓  | ↓                             | -1.1%              | -1.4%                         | -0.2%                          | -1          |
| 954  | 1000 | ↓                              | ↓                              | ↓  | ↓                             | -0.4%              | -4.1%                         | -0.7%                          | -2          |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|
| Stabilization:<br>(Yes/No) | Y | Y | Y | Y | Y | Y | Y | Y |
|----------------------------|---|---|---|---|---|---|---|---|

Sample Time: 1001Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/20/17TOTAL # WELLS: 29 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-45 B Screen Setting (ft btoc): 40.5 to 50.5  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~45  
Total Depth (ft btoc): 50.3 Comments: Pump on @ 10:14  
Depth to Water (ft btoc): 20.35 Time: 1012 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1017            | 20.37                          | 200                            | 6.13                                | 0.230                         | 52.2               | 3.41                          | 17.00                          | 221         |
| 1020            | 20.37                          | 200                            | 6.11                                | 0.234                         | 37.3               | 1.98                          | 15.67                          | 213         |
| 1023            | 20.37                          | 200                            | 6.11                                | 0.237                         | 24.1               | 1.71                          | 14.97                          | 200         |
| 1026            | 20.37                          | 200                            | 6.10                                | 0.237                         | 17.3               | 1.63                          | 14.66                          | 190         |
| 1029            | 20.37                          | 200                            | 6.08                                | 0.234                         | 14.6               | 1.57                          | 14.59                          | 182         |
| 1032            | 20.37                          | 200                            | 6.06                                | 0.233                         | 11.4               | 1.56                          | 14.58                          | 178         |
| 1035            | 20.31                          | 200                            | 6.05                                | 0.231                         | 9.3                | 1.57                          | 14.53                          | 174         |
| 1038            | 20.77                          | 200                            | 6.04                                | 0.230                         | 4.6                | 1.57                          | 14.56                          | 171         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1.25

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------------------------------|------|--------------------------------|--------------------------------|---------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM                         | TO   |                                |                                |         |                               |                    |                               |                                |             |
| 1032                         | 1035 | to                             | 200                            | -0.01   | -0.9%                         | <5                 | +0.6%                         | -0.3%                          | -4          |
| 1035                         | 1038 | ↓                              | ↓                              | -0.01   | -0.4%                         | ↓                  | +0                            | -0.3%                          | -3          |
| 1032                         | 1038 | ↓                              | ↓                              | -0.02   | -1.3%                         | ↓                  | +0.6%                         | -0.6%                          | -7          |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
| Recommended<br>Stabilization |      | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                        | +/- 10%            | +/- 10%                       | +/- 3%                         | +/- 10      |
| Stabilization:<br>(Yes/No)   |      | Y                              | Y                              | Y       | Y                             | Y                  | Y                             | Y                              | Y           |

Sample Time: 1039Reviewed by: [Signature]

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-47A Screen Setting (ft btoc): 0 to 10  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): ~8.2  
Total Depth (ft btoc): 8.32 Comments: Pump on @ 10:31  
Depth to Water (ft btoc): 8.1 Time: 10:25 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1034            | 8.1                            | 100                            | 6.68                                | 0.252                         | 3.2                | 7.81                          | 16.86                          | -48         |
| 1037            | 8.1                            |                                | 6.72                                | 0.255                         | 2.3                | 4.89                          | 16.80                          | -55         |
| 1040            | 8.1                            |                                | 6.75                                | 0.264                         | 0.9                | 2.64                          | 16.65                          | -68         |
| 1043            | 8.1                            |                                | 6.80                                | 0.270                         | 0.9                | 2.21                          | 16.63                          | -68         |
| 1046            | 8.1                            |                                | 6.81                                | 0.279                         | 0.6                | 1.88                          | 16.58                          | -69         |
| 1049            | 8.1                            |                                | 6.82                                | 0.285                         | 0.5                | 1.66                          | 16.57                          | -70         |
| 1052            | 8.1                            |                                | 6.82                                | 0.285                         | 0.5                | 1.60                          | 16.57                          | -70         |
| 1055            | 8.1                            |                                | 6.82                                | 0.285                         | 0.5                | 1.56                          | 16.57                          | -70         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~75

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                                |             |
| 1049 | 1052 | 0.0                            | 0.0                            | 0.0 | 0.01                          | 0.07               | 3.61                          | 0.07                           | 0           |
| 1052 | 1055 | 0.0                            | 0.0                            | 0.0 | 0.01                          | 0.07               | 2.51                          | 0.07                           | 0           |
| 1049 | 1055 | 0.0                            | 0.0                            | 0.0 | 0.01                          | 0.07               | 6.02                          | 0.07                           | 0           |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |

|                              |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Recommended<br>Stabilization | +/- 0.3  | 100-500  | +/- 0.1  | +/- 3%   | +/- 10%  | +/- 10%  | +/- 3%   | +/- 10   |
| Stabilization:<br>(Yes/No)   | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |

Sample Time: 1057Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-47B Screen Setting (ft btoc): 35 to 45  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): 45  
Total Depth (ft btoc): 42.0 Comments: Pump on @ 945  
Depth to Water (ft btoc): 8.24 Time: 9:27 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 0949            | 8.24                           | 150                            | 6.79                                | 0.174                         | 1.0                | 9.66                          | 16.72                          | -22         |
| 0951            | 8.24                           |                                | 6.57                                | 0.175                         | 0.8                | 5.57                          | 16.07                          | -24         |
| 0954            | 8.24                           |                                | 6.53                                | 0.175                         | 0.5                | 4.48                          | 15.87                          | -25         |
| 0957            | 8.24                           |                                | 6.51                                | 0.176                         | 0.7                | 3.48                          | 15.61                          | -26         |
| 1000            | 8.24                           |                                | 6.49                                | 0.176                         | 1.0                | 2.91                          | 15.41                          | -27         |
| 1003            | 8.24                           |                                | 6.49                                | 0.176                         | <del>0.5</del> 0.5 | 2.49                          | 15.41                          | -27         |
| 1006            | 8.24                           |                                | 6.49                                | 0.176                         | 0.5                | 2.40                          | 15.41                          | -27         |
| 1009            | 8.24                           |                                | 6.49                                | 0.176                         | 0.5                | 2.29                          | 15.41                          | -27         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                                |             |
| 1003 | 1006 | 0.0                            | 0.0                            | 0.0 | 0.07                          | 0.07               | 3.61                          | 0.0                            | 0           |
| 1006 | 1009 | 0.0                            | 0.0                            | 0.0 | 0.07                          | 0.07               | 4.58                          | 0.0                            | 0           |
| 1003 | 1009 | 0.0                            | 0.0                            | 0.0 | 0.07                          | 0.07               | 8.03                          | 0.0                            | 0           |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |

|                              |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Recommended<br>Stabilization | +/- 0.3  | 100-500  | +/- 0.1  | +/- 3%   | +/- 10%  | +/- 10%  | +/- 3%   | +/- 10   |
| Stabilization:<br>(Yes/No)   | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |

Sample Time: 1012 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-53 Screen Setting (ft btoc): 40 to 50  
Well Diameter (inches): 2 in Tubing Intake (ft btoc): 245  
Total Depth (ft btoc): 49.00 Comments: Pump on @ : 1401  
Depth to Water (ft btoc): 19.67 Time: 1350 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                     |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|---------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU)  | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1414            | 19.67                          | 100                            | 6.04                                | 0.323                         | 6.2                 | 7.74                          | 19.93               | 128         |
| 1417            | 19.67                          |                                | 5.99                                | 0.324                         | 5.98                | 6.81                          | 19.80               | 133         |
| 1420            | 19.67                          |                                | 6.30                                | 0.289                         | <del>5.45</del> 4.5 | 6.22                          | 19.75               | 129         |
| 1423            | 19.67                          |                                | 5.92                                | 0.334                         | 4.0                 | 4.44                          | 17.87               | 140         |
| 1426            | 19.67                          |                                | 5.89                                | 0.341                         | 2.6                 | 5.28                          | 16.80               | 152         |
| 1429            | 19.67                          |                                | 5.88                                | 0.339                         | 1.2                 | 4.68                          | 16.87               | 157         |
| 1432            | 19.67                          |                                | 5.88                                | 0.340                         | 1.1                 | 4.64                          | 16.90               | 160         |
| 1435            | 19.67                          |                                | 5.87                                | 0.342                         | 1.1                 | 4.60                          | 16.90               | 162         |
|                 |                                |                                |                                     |                               |                     |                               |                     |             |
|                 |                                |                                |                                     |                               |                     |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                     |             |
| 1429 | 1432 | 0.0                            | 0.0                            | 0.01  | +0.297                        | -8.337             | +0.85                         | +0.18               | +3          |
| 1432 | 1435 | 0.0                            | 0.0                            | -0.01 | +0.587                        | 0.0                | -0.86                         | 0.0                 | +2          |
| 1429 | 1435 | 0.0                            | 0.0                            | -0.01 | +0.887                        | -8.337             | -1.71                         | +0.18               | +5          |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1438 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: MW-54 Screen Setting (ft btoc): 40 to 50  
Well Diameter (inches): 2 Tubing Intake (ft btoc): 245  
Total Depth (ft btoc): 47.6 Comments: Pump on @ 1512  
Depth to Water (ft btoc): 21.18 Time: 1502 Well condition: NO well cap

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1515            | 21.18                          | 150                            | 5.81                                | 0.499                         | 26.3               | 10.74                         | 19.58                          | 154         |
| 1518            | 21.18                          |                                | 5.73                                | 0.498                         | 23.4               | 9.23                          | 19.03                          | 157         |
| 1521            | 21.18                          |                                | 5.70                                | 0.524                         | 20.2               | 5.65                          | 16.65                          | 164         |
| 1524            | 21.18                          |                                | 5.69                                | 0.531                         | 16.7               | 6.06                          | 15.85                          | 168         |
| 1527            | 21.18                          |                                | 5.68                                | 0.530                         | 14.3               | 5.19                          | 16.01                          | 172         |
| 1530            | 21.18                          |                                | 5.68                                | 0.530                         | 9.7                | 4.45                          | 15.94                          | 175         |
| 1533            | 21.18                          |                                | 5.68                                | 0.531                         | 9.5                | 4.42                          | 15.94                          | 176         |
| 1536            | 21.18                          |                                | 5.68                                | 0.531                         | 9.3                | 4.36                          | 15.95                          | 176         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |     |                               |                    |                               |                                |             |
| 1530 | 1533 | 0.0                            | 0.0                            | 0.0 | +0.197                        | -2.06              | -0.67                         | 0.07                           | +1          |
| 1533 | 1536 | 0.0                            | 0.0                            | 0.0 | 0.07                          | -2.11              | 1.36                          | 6.067                          | 0           |
| 1530 | 1536 | 0.0                            | 0.0                            | 0.0 | +0.197                        | -4.12              | -2.02                         | 0.067                          | +0          |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |
|      |      |                                |                                |     |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1539 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 7/19TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-58A Screen Setting (ft btoc): 20 to 30  
Well Diameter (inches): 2 Tubing Intake (ft btoc): -27  
Total Depth (ft btoc): 30.5 Comments: Pump on @ 13:06  
Depth to Water (ft btoc): 24.10 Time: 1303 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1309            | 24.10                          | 200                            | 6.04                                | 0.306                         | 8.6                | 6.32                          | 16.96               | 241         |
| 1312            | 24.10                          | 200                            | 5.87                                | 0.283                         | 5.1                | 5.25                          | 16.11               | 252         |
| 1315            | 24.10                          | 200                            | 5.85                                | 0.292                         | 4.1                | 5.50                          | 15.25               | 254         |
| 1318            | 24.10                          | 200                            | 5.85                                | 0.295                         | 4.2                | 5.57                          | 14.98               | 254         |
| 1321            | 24.10                          | 200                            | 5.86                                | 0.298                         | 4.3                | 5.61                          | 14.79               | 254         |
| 1324            | 24.10                          | 200                            | 5.86                                | 0.298                         | 4.6                | 5.63                          | 14.71               | 255         |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                     |             |
| 1318 | 1321 | +0                             | 200                            | +0.01 | +1.0%                         | LS                 | +0.7%                         | -0.6%               | +0          |
| 1321 | 1324 | ↓                              | ↓                              | +0    | +0                            | ↓                  | +0.4%                         | -0.5%               | +1          |
| 1318 | 1324 | ↓                              | ↓                              | +0.01 | +1.0%                         | ↓                  | +0.1%                         | -1.1%               | +1          |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |
|      |      |                                |                                |       |                               |                    |                               |                     |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1325Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts

MS/MSD





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1

SAMPLE DATE: 9/19

TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries  
Project Location: Sag Harbor, NY  
Sampler(s): PS  
Sample Pump: geopump (peristaltic)  
Tubing Type: PE & Silicone  
Monitoring Equipment: Horiba  
Well I.D.: MW-58B  
Screen Setting (ft btoc): 39 to 45  
Well Diameter (inches): 2  
Tubing Intake (ft btoc): ~40  
Total Depth (ft btoc): 45.5  
Comments: Pump on @ 12:18  
Depth to Water (ft btoc): 24.09 Time: 1212  
Well condition: Missing 2 Bolts

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1222            | 24.13                          | 150                            | 6.38                                | 0.216                         | 13.2               | 7.96                          | 18.99                          | 195         |
| 1225            | 24.13                          | 150                            | 6.589                               | 0.210                         | 7.3                | 6.60                          | 17.39                          | 227         |
| 1228            | 24.13                          | 150                            | 6.584                               | 0.258                         | 6.1                | 6.68                          | 16.32                          | 234         |
| 1231            | 24.13                          | 150                            | 5.80                                | 0.392                         | 5.5                | 6.55                          | 16.03                          | 236         |
| 1234            | 24.13                          | 150                            | 5.81                                | 0.438                         | 5.6                | 6.59                          | 15.68                          | 236         |
| 1237            | 24.13                          | 150                            | 5.80                                | 0.459                         | 5.2                | 6.63                          | 15.41                          | 237         |
| 1240            | 24.13                          | 150                            | 5.80                                | 0.477                         | 5.1                | 6.64                          | 15.11                          | 239         |
| 1243            | 24.13                          | 150                            | 5.80                                | 0.480                         | 4.6                | 6.73                          | 15.02                          | 240         |
| 1246            | 24.13                          | 150                            | 5.80                                | 0.483                         | 4.7                | 6.70                          | 14.97                          | 241         |

Total Volume of Groundwater Purged (gal): ~1.256

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |    |                               |                    |                               |                                |             |
| 1240 | 1243 | +0                             | 150                            | +0 | +0.6%                         | CS                 | +1.4%                         | -0.6%                          | +1          |
| 1243 | 1246 | ↓                              | ↓                              | ↓  | +0.6%                         | ↓                  | -0.4%                         | -0.3%                          | +1          |
| 1240 | 1246 | ↓                              | ↓                              | ↓  | +1.2%                         | ↓                  | +1.0%                         | -0.9%                          | +2          |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|
| Stabilization:<br>(Yes/No) | Y | Y | Y | Y | Y | Y | Y | Y |
|----------------------------|---|---|---|---|---|---|---|---|

Sample Time: 1247 Reviewed by: ML

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 7/19TOTAL # WELLS: 25 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-59A Screen Setting (ft btoc): 17 to 27  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~ 27.5  
Total Depth (ft btoc): 28.2 Comments: Pump on @ 7:16  
Depth to Water (ft btoc): 27.16 Time: 914 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 920             | 27.54                          | 100                            | 6.69                                | 1.46                          | 9.2                | 8.01                          | 20.26                          | 298         |
| 923             | 27.55                          | 100                            | 6.89                                | 1.47                          | 8.7                | 9.01                          | 20.09                          | 291         |
| <del>925</del>  | Well Ran dry at 925            |                                |                                     |                               |                    |                               |                                |             |
|                 | Recharged to 27.23' at 1524    |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~ 0.25

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |    | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|----|--------------------------------|--------------------------------|----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |
|      |    |                                |                                |    |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

Stabilization:  
(Yes/No)Sample Time: 1525Reviewed by: MP2

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts

Grab Sample collected after ~6 hrs Recharge





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19TOTAL # WELLS: 29 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: Mw-59B Screen Setting (ft btoc): 32 to 42  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~37  
Total Depth (ft btoc): 43.4 Comments: Pump on @ 9:38  
Depth to Water (ft btoc): 27.21 Time: 933 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 941             | 27.45                          | 200                            | 6.20                                | 0.481                         | 4.6                | 2.85                          | 19.01                          | 307         |
| 944             | 27.47                          | 200                            | 5.57                                | 0.454                         | 3.8                | 2.01                          | 18.40                          | 321         |
| 947             | 27.48                          | 200                            | 5.32                                | 0.436                         | 5.9                | 1.65                          | 17.54                          | 316         |
| 950             | 27.48                          | 200                            | 5.29                                | 0.431                         | 4.7                | 1.61                          | 17.30                          | 314         |
| 953             | 27.48                          | 200                            | 5.27                                | 0.426                         | 4.3                | 1.58                          | 17.15                          | 311         |
| 956             | 27.48                          | 200                            | 5.26                                | 0.421                         | 4.4                | 1.57                          | 17.12                          | 309         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |     | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|-----|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO  |                                |                                |       |                               |                    |                               |                                |             |
| 950  | 953 | +0                             | 200                            | -0.02 | -1.1%                         | LS                 | -1.9%                         | -0.9%                          | -3          |
| 953  | 956 | ↓                              | ↓                              | -0.01 | -1.1%                         | ↓                  | -0.6%                         | -0.2%                          | -2          |
| 950  | 956 | ↓                              | ↓                              | -0.03 | -2.2%                         | ↓                  | -2.5%                         | -1.1%                          | -5          |
|      |     |                                |                                |       |                               |                    |                               |                                |             |
|      |     |                                |                                |       |                               |                    |                               |                                |             |
|      |     |                                |                                |       |                               |                    |                               |                                |             |
|      |     |                                |                                |       |                               |                    |                               |                                |             |

|                              |          |          |          |          |          |          |          |          |
|------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Recommended<br>Stabilization | +/- 0.3  | 100-500  | +/- 0.1  | +/- 3%   | +/- 10%  | +/- 10%  | +/- 3%   | +/- 10   |
| Stabilization:<br>(Yes/No)   | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |

Sample Time: 957 Reviewed by: ALG

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts

Blind Dip with Mw-B





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-98-01A Screen Setting (ft btoc): 17 to 27  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~25  
Total Depth (ft btoc): 26.8 Comments: Pump on @ 11:35  
Depth to Water (ft btoc): 21.89 Time: 1126 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1138            | 23.16                          | 150                            | 7.63                                | 0.204                         | 29.2               | 4.57                          | 19.32                          | 141         |
| 1141            | 23.16                          | 150                            | 6.58                                | 0.204                         | 26.8               | 3.11                          | 17.10                          | 125         |
| 1144            | 23.16                          | 150                            | 6.16                                | 0.202                         | 19.2               | 2.64                          | 15.98                          | 125         |
| 1147            | 23.16                          | 150                            | 6.05                                | 0.202                         | 17.1               | 2.45                          | 15.43                          | 123         |
| 1150            | 23.16                          | 150                            | 5.99                                | 0.202                         | 12.8               | 2.37                          | 15.34                          | 120         |
| 1153            | 23.16                          | 150                            | 5.96                                | 0.202                         | 6.4                | 2.28                          | 15.26                          | 118         |
| 1156            | 23.16                          | 150                            | 5.92                                | 0.202                         | 3.1                | 2.24                          | 15.16                          | 114         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~0.75

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1150 | 1153 | +0                             | 150                            | -0.03 | +0                            | 25                 | -3.8%                         | -0.5%                          | -2          |
| 1153 | 1156 | ↓                              | ↓                              | -0.04 | ↓                             | ↓                  | -1.8%                         | -0.7%                          | -7          |
| 1150 | 1156 | ↓                              | ↓                              | -0.07 | ↓                             | ↓                  | -5.6%                         | -1.2%                          | -6          |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1157 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D. MW-98-04 Screen Setting (ft btoc): 16.5 to 26.5  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~22.5  
Total Depth (ft btoc): 24.3 Comments: Pump on @ 13:49  
Depth to Water (ft btoc): 20.63 Time: 1395 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1352            | 20.64                          | 200                            | 5.71                                | 0.189                         | 43.7               | 4.30                          | 17.14                          | 279         |
| 1355            | 20.64                          | 200                            | 5.58                                | 0.186                         | 39.8               | 2.73                          | 16.40                          | 273         |
| 1358            | 20.64                          | 200                            | 5.57                                | 0.186                         | 37.4               | 2.60                          | 15.88                          | 269         |
| 1401            | 20.64                          | 200                            | 5.58                                | 0.189                         | 34.2               | 2.58                          | 15.68                          | 263         |
| 1404            | 20.64                          | 200                            | 5.59                                | 0.192                         | 33.4               | 2.48                          | 15.56                          | 259         |
| 1407            | 20.64                          | 200                            | 5.60                                | 0.193                         | 32.9               | 2.46                          | 15.53                          | 255         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): \_\_\_\_\_

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1401 | 1404 | 40                             | 200                            | +0.01 | +1.6%                         | -2.3%              | -3.9%                         | -0.5%                          | -4          |
| 1404 | 1407 | ↓                              | ↓                              | +0.01 | +0.5%                         | -1.5%              | -0.8%                         | -0.2%                          | -4          |
| 1401 | 1407 | ↓                              | ↓                              | +0.02 | +2.1%                         | -3.8%              | -4.7%                         | -0.7%                          | -8          |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1408Reviewed by: MS/MSD

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts

MS/MSD





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19/17TOTAL # WELLS: 2131

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: mw-98-0413 Screen Setting (ft btoc): 30 to 40  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~34  
Total Depth (ft btoc): 37.2 Comments: Pump on @ 14:25  
Depth to Water (ft btoc): 20.54 Time: 1420 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1428            | 20.54                          | 200                            | 5.74                                | 0.193                         | 22.2               | 3.08                          | 16.95                          | 272         |
| 1431            | 20.54                          | 200                            | 5.78                                | 0.193                         | 18.3               | 2.43                          | 15.88                          | 266         |
| 1434            | 20.54                          | 200                            | 5.79                                | 0.196                         | 16.5               | 2.26                          | 15.44                          | 261         |
| 1437            | 20.54                          | 200                            | 5.79                                | 0.196                         | 15.9               | 2.35                          | 15.28                          | 257         |
| 1440            | 20.54                          | 200                            | 5.79                                | 0.198                         | 15.2               | 2.33                          | 14.83                          | 255         |
| 1443            | 20.54                          | 200                            | 5.79                                | 0.199                         | 14.0               | 2.31                          | 14.80                          | 250         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |    |                               |                    |                               |                                |             |
| 1437 | 1440 | ~0                             | 200                            | ~0 | +1.0%                         | -4.4%              | -0.9%                         | -2.8%                          | -2          |
| 1440 | 1443 | ↓                              | ↓                              | ↓  | +0.5%                         | -2.0%              | -0.9%                         | -0.1%                          | -5          |
| 1437 | 1443 | ↓                              | ↓                              | ↓  | +1.5%                         | -6.4%              | -1.8%                         | -2.9%                          | -7          |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1444Reviewed by: MW

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts

Blind Dp mw-A





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18TOTAL # WELLS: 2431

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-98-05 AR Screen Setting (ft btoc): 18 to 25  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~26  
Total Depth (ft btoc): 28.4 Comments: Pump on @ 12:10\*  
Depth to Water (ft btoc): 22.32 Time: 1204 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1217            | 22.40                          | 150                            | 6.05                                | 0.245                         | 58.2               | 5.83                          | 16.25                          | 190         |
| 1220            | 22.37                          | 150                            | 6.00                                | 0.261                         | 28.5               | 2.65                          | 15.46                          | 163         |
| 1223            | 22.38                          | 150                            | 6.00                                | 0.263                         | 18.3               | 2.65                          | 14.90                          | 151         |
| 1226            | 22.38                          | 150                            | 6.02                                | 0.257                         | 8.6                | 2.69                          | 14.70                          | 124         |
| 1229            | 22.38                          | 150                            | 6.03                                | 0.253                         | 4.6                | 2.61                          | 14.64                          | 120         |
| 1232            | 22.38                          | 150                            | 6.03                                | 0.252                         | 4.7                | 2.54                          | 14.59                          | 116         |
| 1235            | 22.38                          | 150                            | 6.04                                | 0.250                         | 4.3                | 2.49                          | 14.55                          | 115         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1224 | 1232 | +0                             | 150                            | +0    | -0.4%                         | LS                 | -2.7%                         | -0.3%                          | -4          |
| 1232 | 1235 | ↓                              | ↓                              | +0.01 | -0.8%                         | ↓                  | -2.0%                         | -0.3%                          | -1          |
| 1229 | 1235 | ↓                              | ↓                              | +0.01 | -1.2%                         | ↓                  | -4.7%                         | -0.6%                          | -5          |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1226 Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts

\*Pumped from unit 1214





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18TOTAL # WELLS: 2831

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: MW-98-05 BR Screen Setting (ft btoc): 35 to 45  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~40  
Total Depth (ft btoc): ~46.3 Comments: Pump on @ 12:50  
Depth to Water (ft btoc): 21.99 Time: 1246 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1253            | 21.92                          | 200                            | 6.03                                | 0.222                         | 17.7               | 3.28                          | 16.07                          | 102         |
| 1256            | 21.93                          | 200                            | 5.92                                | 0.219                         | 10.8               | 2.18                          | 15.06                          | 108         |
| 1259            | 21.93                          | 200                            | 5.91                                | 0.220                         | 8.5                | 1.85                          | 14.62                          | 106         |
| 1302            | 21.93                          | 200                            | 5.90                                | 0.220                         | 7.5                | 1.73                          | 14.50                          | 105         |
| 1305            | 21.93                          | 200                            | 5.90                                | 0.221                         | 7.3                | 1.70                          | 14.44                          | 104         |
| 1308            | 21.93                          | 200                            | 5.90                                | 0.220                         | 7.4                | 1.69                          | 14.47                          | 103         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1.5

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------------------------------|------|--------------------------------|--------------------------------|---------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM                         | TO   |                                |                                |         |                               |                    |                               |                                |             |
| 1302                         | 1305 | +0                             | 200                            | +0      | +0.5%                         | -2.7%              | -1.7%                         | -0.4%                          | -1          |
| 1305                         | 1308 | ↓                              | ↓                              | ↓       | -0.5%                         | +1.4%              | -0.6%                         | +0.2%                          | -1          |
| 1302                         | 1308 | ↓                              | ↓                              | ↓       | +0                            | -1.3%              | -2.3%                         | -0.2%                          | -2          |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
| Recommended<br>Stabilization |      | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                        | +/- 10%            | +/- 10%                       | +/- 3%                         | +/- 10      |
| Stabilization:<br>(Yes/No)   |      | Y                              | Y                              | Y       | Y                             | Y                  | Y                             | Y                              | Y           |

Sample Time: 1309Reviewed by: [Signature]

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18TOTAL # WELLS: 2531

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): P5 Monitoring Equipment: Horiba  
Well I.D.: 1 1/2" Screen Setting (ft btoc): 45 to 55  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~40  
Total Depth (ft btoc): -83.0 Comments: Pump on @ 14:46  
Depth to Water (ft btoc): 29.79 Time: 1411 Well condition: Good - PVC Seeped at ~18" below *Spec*

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                         |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 1449            | 29.79                          | 250                            | 6.44                                | 0.306                   | 7.7                | 8.20                          | 17.18               | 221         |
| 1452            | 29.79                          | 250                            | 6.54                                | 0.310                   | 4.9                | 7.40                          | 17.96               | 224         |
| 1455            | 29.79                          | 250                            | 6.57                                | 0.311                   | 3.6                | 7.20                          | 17.71               | 223         |
| 1458            | 29.79                          | 250                            | 6.59                                | 0.311                   | 2.0                | 7.06                          | 17.62               | 225         |
| 1501            | 29.79                          | 250                            | 6.60                                | 0.311                   | 3.1                | 7.05                          | 17.56               | 224         |
| 1504            | 29.79                          | 250                            | 6.61                                | 0.311                   | 3.6                | 7.04                          | 17.53               | 223         |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |
|                 |                                |                                |                                     |                         |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1.25 gal

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>(µs/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------------------------------|------|--------------------------------|--------------------------------|---------|-------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM                         | TO   |                                |                                |         |                         |                    |                               |                     |             |
| 1458                         | 1501 | ↓                              | 250                            | 6.61    | ↓                       | 3.6                | ~0.1%                         | ~0.3%               | ~1          |
| 1501                         | 1504 | ↓                              | ↓                              | 6.61    | ↓                       | ↓                  | ~0.1%                         | ~0.2%               | ~1          |
| 1458                         | 1504 | ↓                              | ↓                              | 6.62    | ↓                       | ↓                  | ~0.2%                         | ~0.5%               | ~2          |
|                              |      |                                |                                |         |                         |                    |                               |                     |             |
|                              |      |                                |                                |         |                         |                    |                               |                     |             |
|                              |      |                                |                                |         |                         |                    |                               |                     |             |
|                              |      |                                |                                |         |                         |                    |                               |                     |             |
|                              |      |                                |                                |         |                         |                    |                               |                     |             |
| Recommended<br>Stabilization |      | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                  | +/- 10%            | +/- 10%                       | +/- 3%              | +/- 10      |
| Stabilization:<br>(Yes/No)   |      | Y                              | Y                              | Y       | Y                       | Y                  | Y                             | Y                   | Y           |

Sample Time: 1505Reviewed by: [Signature]

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
µs/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

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SAMPLE DATE: 9/18

TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries  
Project Location: Sag Harbor, NY  
Sampler(s): PS  
Sample Pump: geopump (peristaltic)  
Tubing Type: PE & Silicone  
Monitoring Equipment: Horiba  
Well I.D.: MW-B4  
Screen Setting (ft btoc): 45 to 55  
Well Diameter (inches): 2  
Tubing Intake (ft btoc): ~40  
Total Depth (ft btoc): 53.1  
Comments: Pump on @ 15:30  
Depth to Water (ft btoc): 25.03 Time: 1517  
Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1533            | 25.03                          | 200                            | 6.68                                | 0.165                         | 13.9               | 6.59                          | 19.00                          | 234         |
| 1536            | 25.03                          | 200                            | 6.45                                | 0.163                         | 13.4               | 5.67                          | 18.26                          | 243         |
| 1539            | 25.03                          | 200                            | 6.36                                | 0.164                         | 13.2               | 5.36                          | 17.23                          | 246         |
| 1542            | 25.03                          | 200                            | 6.32                                | 0.165                         | 13.5               | 5.39                          | 16.69                          | 247         |
| 1545            | 25.03                          | 200                            | 6.30                                | 0.165                         | 13.1               | 5.30                          | 16.38                          | 247         |
| 1548            | 25.03                          | 200                            | 6.28                                | 0.165                         | 13.8               | 5.29                          | 16.24                          | 247         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------------------------------|------|--------------------------------|--------------------------------|---------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM                         | TO   |                                |                                |         |                               |                    |                               |                                |             |
| 1542                         | 1545 | +0                             | 200                            | -0.02   | +0                            | -2.9%              | -1.7%                         | -1.8%                          | +0          |
| 1545                         | 1548 | ↓                              | ↓                              | -0.02   | ↓                             | +5.3%              | -0.2%                         | -0.9%                          | ↓           |
| 1542                         | 1548 | ↓                              | ↓                              | -0.04   | ↓                             | +2.2%              | -1.9%                         | -2.7%                          | ↓           |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
|                              |      |                                |                                |         |                               |                    |                               |                                |             |
| Recommended<br>Stabilization |      | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                        | +/- 10%            | +/- 10%                       | +/- 3%                         | +/- 10      |
| Stabilization:<br>(Yes/No)   |      | Y                              | Y                              | Y       | Y                             | Y                  | Y                             | Y                              | Y           |

Sample Time: 1549 Reviewed by: JCL

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19TOTAL # WELLS: 2431

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: NB N32 (Steel Casing) Screen Setting (ft btoc): 31 to 33  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~31  
Total Depth (ft btoc): 31.3 Comments: Pump on @ 10:33  
Depth to Water (ft btoc): 25.5 Time: 1021 Well condition: Rosinor Coper Broken

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1037            | 26.11                          | 150                            | 6.36                                | 0.426                         | 19.8               | 3.60                          | 18.79                          | 175         |
| 1040            | 26.23                          | 150                            | 6.58                                | 0.420                         | 20.4               | 2.50                          | 18.84                          | 80          |
| 1043            | 26.38                          | 150                            | 6.85                                | 0.415                         | 21.0               | 2.02                          | 18.82                          | -5          |
| 1046            | 26.46                          | 150                            | 6.96                                | 0.416                         | 21.1               | 1.77                          | 18.71                          | -41         |
| 1049            | 26.47                          | 150                            | 7.01                                | 0.421                         | 21.7               | 1.88                          | 18.62                          | -61         |
| 1052            | 26.47                          | 150                            | 6.96                                | 0.433                         | 21.4               | 2.14                          | 18.53                          | -77         |
| 1055            | 26.47                          | 150                            | 6.97                                | 0.506                         | 21.7               | 2.79                          | 18.45                          | -88         |
| 1058            | 26.47                          | 150                            | 6.97                                | 0.509                         | 21.9               | 2.70                          | 18.42                          | -88         |
| 1101            | 26.47                          | 150                            | 6.96                                | 0.517                         | 21.6               | 2.68                          | 18.41                          | -99         |

Total Volume of Groundwater Purged (gal): ~1.25

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1055 | 1058 | +0                             | 150                            | +0    | +0.6%                         | +0.9%              | -3.2%                         | -0.2%                          | +0          |
| 1058 | 1101 | ↓                              | ↓                              | -0.01 | +1.6%                         | -1.4%              | -0.7%                         | -0.1%                          | -1          |
| 1055 | 1101 | ↓                              | ↓                              | -0.01 | +2.2%                         | -0.5%              | -3.9%                         | -0.3%                          | -1          |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 1102 Reviewed by: gms

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/19TOTAL # WELLS: 2931

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: 1.32" x 3 Screen Setting (ft btoc): 17 to 27  
Well Diameter (inches): 2 Tubing Intake (ft btoc): ~27  
Total Depth (ft btoc): 27.9 Comments: Pump on @ 11:12  
Depth to Water (ft btoc): 25.51 Time: 1109 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| <u>1106</u>     | <u>25.53</u>                   | <u>150</u>                     | <u>6.30</u>                         | <u>0.665</u>                  | <u>11.7</u>        | <u>6.31</u>                   | <u>18.72</u>                   | <u>68</u>   |
| <u>1119</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>6.17</u>                         | <u>0.461</u>                  | <u>17.4</u>        | <u>6.20</u>                   | <u>18.78</u>                   | <u>80</u>   |
| <u>1122</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>6.03</u>                         | <u>0.386</u>                  | <u>61.8</u>        | <u>6.11</u>                   | <u>19.28</u>                   | <u>116</u>  |
| <u>1125</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.93</u>                         | <u>0.330</u>                  | <u>111</u>         | <u>5.99</u>                   | <u>19.58</u>                   | <u>135</u>  |
| <u>1128</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.87</u>                         | <u>0.284</u>                  | <u>126</u>         | <u>5.98</u>                   | <u>19.44</u>                   | <u>149</u>  |
| <u>1131</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.88</u>                         | <u>0.280</u>                  | <u>103</u>         | <u>5.88</u>                   | <u>19.24</u>                   | <u>153</u>  |
| <u>1139</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.87</u>                         | <u>0.274</u>                  | <u>53.1</u>        | <u>5.85</u>                   | <u>19.17</u>                   | <u>162</u>  |
| <u>1137</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.87</u>                         | <u>0.268</u>                  | <u>50.6</u>        | <u>5.80</u>                   | <u>18.97</u>                   | <u>166</u>  |
| <u>1140</u>     | <u>22.53</u>                   | <u>150</u>                     | <u>5.90</u>                         | <u>0.266</u>                  | <u>49.0</u>        | <u>5.78</u>                   | <u>18.90</u>                   | <u>169</u>  |

Total Volume of Groundwater Purged (gal): ~1

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |             | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH             | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv)   |
|------------------------------|-------------|--------------------------------|--------------------------------|----------------|-------------------------------|--------------------|-------------------------------|--------------------------------|---------------|
| FROM                         | TO          |                                |                                |                |                               |                    |                               |                                |               |
| <u>1134</u>                  | <u>1137</u> | <u>+0</u>                      | <u>150</u>                     | <u>+0</u>      | <u>-2.1%</u>                  | <u>-4.7%</u>       | <u>-0.9%</u>                  | <u>-1.0%</u>                   | <u>+4</u>     |
| <u>1137</u>                  | <u>1140</u> | <u>↓</u>                       | <u>↓</u>                       | <u>+0.03</u>   | <u>-0.7%</u>                  | <u>-0.8%</u>       | <u>-0.3%</u>                  | <u>-0.4%</u>                   | <u>+3</u>     |
| <u>1134</u>                  | <u>1140</u> | <u>↓</u>                       | <u>↓</u>                       | <u>+0.03</u>   | <u>-2.8%</u>                  | <u>-5.5%</u>       | <u>-1.2%</u>                  | <u>-1.4%</u>                   | <u>+7</u>     |
|                              |             |                                |                                |                |                               |                    |                               |                                |               |
|                              |             |                                |                                |                |                               |                    |                               |                                |               |
|                              |             |                                |                                |                |                               |                    |                               |                                |               |
|                              |             |                                |                                |                |                               |                    |                               |                                |               |
|                              |             |                                |                                |                |                               |                    |                               |                                |               |
| Recommended<br>Stabilization |             | <u>+/- 0.3</u>                 | <u>100-500</u>                 | <u>+/- 0.1</u> | <u>+/- 3%</u>                 | <u>+/- 10%</u>     | <u>+/- 10%</u>                | <u>+/- 3%</u>                  | <u>+/- 10</u> |
| Stabilization:<br>(Yes/No)   |             | <u>Y</u>                       | <u>Y</u>                       | <u>Y</u>       | <u>Y</u>                      | <u>Y</u>           | <u>Y</u>                      | <u>Y</u>                       | <u>Y</u>      |

Sample Time: 1141Reviewed by: dfm

ft btoc      feet below top of casing  
ml/min      milliliters per minute  
 $\mu$ S/cm      microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C      degrees Celsius  
mv      millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/20/17TOTAL # WELLS: 2431

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): PS Monitoring Equipment: Horiba  
Well I.D.: 2W-3 Screen Setting (ft btoc): 13 to 37  
Well Diameter (inches): 10? Tubing Intake (ft btoc): 32  
Total Depth (ft btoc): ~46 Comments: Pump on @ 8:42  
Depth to Water (ft btoc): 6.38 Time: 857 Well condition: Good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                     |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
| 845             | 6.38                           | 200                            | 6.52                                | 0.183                         | 6.0                | 7.17                          | 19.63               | 233         |
| 848             | 6.38                           | 200                            | 6.27                                | 0.182                         | 4.7                | 4.01                          | 18.74               | 125         |
| 851             | 6.38                           | 200                            | 6.20                                | 0.181                         | 4.3                | 3.46                          | 17.81               | 85          |
| 854             | 6.38                           | 200                            | 6.18                                | 0.182                         | 4.1                | 2.90                          | 17.35               | 69          |
| 857             | 6.38                           | 200                            | 6.17                                | 0.182                         | 4.0                | 2.95                          | 17.14               | 59          |
| 900             | 6.38                           | 200                            | 6.16                                | 0.182                         | 4.4                | 2.66                          | 17.08               | 56          |
| 903             | 6.38                           | 200                            | 6.16                                | 0.182                         | 4.5                | 2.05                          | 16.90               | 51          |
| 906             | 6.38                           | 200                            | 6.16                                | 0.183                         | 4.3                | 2.75                          | 16.84               | 48          |
| 909             | 6.38                           | 200                            | 6.16                                | 0.183                         | 4.2                | 2.20                          | 16.79               | 44          |
|                 |                                |                                |                                     |                               |                    |                               |                     |             |

Total Volume of Groundwater Purged (gal): ~1.5

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time                         |     | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH      | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>(°C) | ORP<br>(mv) |
|------------------------------|-----|--------------------------------|--------------------------------|---------|-------------------------------|--------------------|-------------------------------|---------------------|-------------|
| FROM                         | TO  |                                |                                |         |                               |                    |                               |                     |             |
| 903                          | 906 | +2                             | 200                            | +0      | +0.5%                         | LS                 | +4.9%                         | -0.4%               | -3          |
| 906                          | 909 | ↓                              | ↓                              | ↓       | +0                            | ↓                  | +2.3%                         | -0.3%               | -4          |
| 903                          | 909 | ↓                              | ↓                              | ↓       | +0.5%                         | ↓                  | +7.3%                         | -0.7%               | -7          |
|                              |     |                                |                                |         |                               |                    |                               |                     |             |
|                              |     |                                |                                |         |                               |                    |                               |                     |             |
|                              |     |                                |                                |         |                               |                    |                               |                     |             |
|                              |     |                                |                                |         |                               |                    |                               |                     |             |
|                              |     |                                |                                |         |                               |                    |                               |                     |             |
| Recommended<br>Stabilization |     | +/- 0.3                        | 100-500                        | +/- 0.1 | +/- 3%                        | +/- 10%            | +/- 10%                       | +/- 3%              | +/- 10      |
| Stabilization:<br>(Yes/No)   |     | Y                              | Y                              | Y       | Y                             | Y                  | Y                             | Y                   | Y           |

Sample Time: 910Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microsemons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

°C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/18/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: RW 4 Screen Setting (ft btoc): 27 to 48  
Well Diameter (inches): 6 in Tubing Intake (ft btoc): 32  
Total Depth (ft btoc): 48.0 Comments: Pump on @ 1635  
Depth to Water (ft btoc): 13.66 Time: 1626 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 1638            | 13.68                          | 150                            | 6.49                                | 0.309                         | 5.8                | 11.70                         | 19.50                          | -90         |
| 1641            | 13.68                          | 1                              | 6.71                                | 0.310                         | 8.2                | 5.40                          | 19.12                          | -108        |
| 1644            | 13.68                          |                                | 6.81                                | 0.313                         | 5.9                | 3.69                          | 18.77                          | -116        |
| 1647            | 13.68                          |                                | 6.89                                | 0.313                         | 6.7                | 2.47                          | 18.62                          | -120        |
| 1650            | 13.68                          |                                | 6.94                                | 0.313                         | 5.0                | 1.88                          | 18.32                          | -121        |
| 1653            | 13.68                          |                                | 6.95                                | 0.313                         | 5.0                | 1.80                          | 18.32                          | -121        |
| 1656            | 13.68                          |                                | 6.95                                | 0.313                         | 4.9                | 1.75                          | 18.25                          | -123        |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): 2.75

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH    | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|-------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |       |                               |                    |                               |                                |             |
| 1650 | 1653 | 0.0                            | 0.0                            | +0.01 | 0.0%                          | 0%                 | -4.25                         | 0.0%                           | 0           |
| 1653 | 1656 | 0.0                            | 0.0                            | 0.08  | 0.0%                          | -2%                | -2.78                         | +0.38%                         | +2          |
| 1650 | 1656 | 0.0                            | 0.0                            | +0.04 | 0.0%                          | -2%                | -6.91                         | +0.38%                         | +2          |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |
|      |      |                                |                                |       |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|

|                            |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Stabilization:<br>(Yes/No) | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> | <u>Y</u> |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|

Sample Time: 1659 Reviewed by: MM

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimens per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts





Leggette, Brashears &amp; Graham, Inc.

PAGE 1 OF 1SAMPLE DATE: 9/20/17TOTAL # WELLS: 31

## low-flow sampling log

Client Name: Rowe Industries Sample Pump: geopump (peristaltic)  
Project Location: Sag Harbor, NY Tubing Type: PE & Silicone  
Sampler(s): LD Monitoring Equipment: Horiba  
Well I.D.: RW-6 Screen Setting (ft btoc): 30 to 80  
Well Diameter (inches): 6 inches Tubing Intake (ft btoc): 69  
Total Depth (ft btoc): 77.00 Comments: Pump on @ 0903  
Depth to Water (ft btoc): 17.24 Time: 851 Well condition: good

| Time<br>(hours) | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | Water Quality Monitoring Parameters |                               |                    |                               |                                |             |
|-----------------|--------------------------------|--------------------------------|-------------------------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
|                 |                                |                                | pH                                  | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
| 0906            | 17.31                          | 100                            | 5.93                                | 0.469                         | 14.8               | 6.90                          | 17.83                          | 185         |
| 0909            | 17.31                          | 1                              | 5.87                                | 0.468                         | 11.5               | 4.49                          | 17.02                          | 195         |
| 0912            | 17.31                          |                                | 5.84                                | 0.466                         | 6.5                | 3.08                          | 17.06                          | 202         |
| 0915            | 17.31                          |                                | 5.84                                | 0.464                         | 8.0                | 2.60                          | 17.01                          | 207         |
| 0918            | 17.31                          |                                | 5.82                                | 0.463                         | 7.7                | 2.15                          | 17.03                          | 211         |
| 0921            | 17.31                          |                                | 5.82                                | 0.463                         | 7.7                | 2.05                          | 17.03                          | 213         |
| 0924            | 17.31                          |                                | 5.82                                | 0.463                         | 7.7                | 1.95                          | 17.03                          | 214         |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |
|                 |                                |                                |                                     |                               |                    |                               |                                |             |

Total Volume of Groundwater Purged (gal): ~50

## Stabilization of Parameters (stabilization achieved for three consecutive measurements)

| Time |      | Depth to<br>Water<br>(ft btoc) | Evacuation<br>Rate<br>(ml/min) | pH | Conductivity<br>( $\mu$ S/cm) | Turbidity<br>(NTU) | Dissolved<br>oxygen<br>(mg/l) | Temperature<br>( $^{\circ}$ C) | ORP<br>(mv) |
|------|------|--------------------------------|--------------------------------|----|-------------------------------|--------------------|-------------------------------|--------------------------------|-------------|
| FROM | TO   |                                |                                |    |                               |                    |                               |                                |             |
| 0918 | 0921 | +0                             | +0                             | +0 | +0%                           | +0%                | 4.65                          | +0%                            | +2          |
| 0921 | 0924 | 1                              | 1                              | 1  | 1                             | 1                  | 4.89                          | 1                              | +1          |
| 0918 | 0924 |                                | 1                              |    |                               |                    | 9.30                          |                                | +3          |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |
|      |      |                                |                                |    |                               |                    |                               |                                |             |

|                              |         |         |         |        |         |         |        |        |
|------------------------------|---------|---------|---------|--------|---------|---------|--------|--------|
| Recommended<br>Stabilization | +/- 0.3 | 100-500 | +/- 0.1 | +/- 3% | +/- 10% | +/- 10% | +/- 3% | +/- 10 |
| Stabilization:<br>(Yes/No)   | Y       | Y       | Y       | Y      | Y       | Y       | Y      | Y      |

Sample Time: 0927Reviewed by: [Signature]

ft btoc feet below top of casing  
ml/min milliliters per minute  
 $\mu$ S/cm microseimons per centimeter

NTU Nephelometric Turbidity Units  
mg/l milligrams per liter

$^{\circ}$ C degrees Celsius  
mv millivolts

## **APPENDIX II**

### **Laboratory Analytical Results**





# Technical Report

prepared for:

**Leggette Brashears & Graham Shelton Office**

4 Research Drive, Suite 204

Shelton CT, 06484

**Attention: Tunde Komuves-Sandor**

Report Date: 09/28/2017

**Client Project ID: Kraft/NABSAG**

York Project (SDG) No.: 17I0797

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
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RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 09/28/2017  
Client Project ID: Kraft/NABSAG  
York Project (SDG) No.: 17I0797

**Leggette Brashears & Graham Shelton Office**  
4 Research Drive, Suite 204  
Shelton CT, 06484  
Attention: Tunde Komuves-Sandor

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 20, 2017 and listed below. The project was identified as your project: **Kraft/NABSAG**.

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

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

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

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

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

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 17I0797-01            | MW-98-01A               | Water         | 09/18/2017            | 09/20/2017           |
| 17I0797-02            | MW-98-04                | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-03            | MW-98-04B               | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-04            | MW-98-05AR              | Water         | 09/18/2017            | 09/20/2017           |
| 17I0797-05            | MW-98-05BR              | Water         | 09/18/2017            | 09/20/2017           |
| 17I0797-06            | MW-45A                  | Water         | 09/20/2017            | 09/20/2017           |
| 17I0797-07            | MW-45B                  | Water         | 09/20/2017            | 09/20/2017           |
| 17I0797-08            | MW-28A                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-09            | MW-28B                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-10            | MW-44A                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-11            | MW-44B                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-12            | MW-44C                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-13            | MW-47A                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-14            | MW-47B                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-15            | N-32                    | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-16            | N-32B                   | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-17            | MW-58A                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-18            | MW-58B                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-19            | MW-59A                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-20            | MW-59B                  | Water         | 09/19/2017            | 09/20/2017           |
| 17I0797-21            | MW-42B                  | Water         | 09/20/2017            | 09/20/2017           |
| 17I0797-22            | MW-43A                  | Water         | 09/18/2017            | 09/20/2017           |



| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 1710797-23            | MW-43B                  | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-24            | MW-43C                  | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-25            | MW-53                   | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-26            | MW-54                   | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-27            | MW-B1                   | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-28            | MW-B4                   | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-29            | RW-3                    | Water         | 09/20/2017            | 09/20/2017           |
| 1710797-30            | RW-4                    | Water         | 09/18/2017            | 09/20/2017           |
| 1710797-31            | RW-6                    | Water         | 09/20/2017            | 09/20/2017           |
| 1710797-32            | MW-A                    | Water         | 09/19/2017            | 09/20/2017           |
| 1710797-33            | MW-B                    | Water         | 09/19/2017            | 09/20/2017           |
| 1710797-34            | FB-PS                   | Water         | 09/20/2017            | 09/20/2017           |
| 1710797-35            | FB-LD                   | Water         | 09/20/2017            | 09/20/2017           |
| 1710797-36            | TB-PS                   | Water         | 09/20/2017            | 09/20/2017           |
| 1710797-37            | TB-LD                   | Water         | 09/20/2017            | 09/20/2017           |

### **General Notes for York Project (SDG) No.: 1710797**

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

**Approved By:**



Benjamin Gulizia  
Laboratory Director

**Date:** 09/28/2017





## Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 1710797-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

1710797

Kraft/NABSAG

Water

September 18, 2017 11:57 am

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |





## Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 17I0797-01

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 11:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                 | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 95-49-8    | 2-Chlorotoluene           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 106-43-4   | 4-Chlorotoluene           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 108-86-1   | Bromobenzene              | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |



## Sample Information

**Client Sample ID:** MW-98-01A

**York Sample ID:** 17I0797-01

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 18, 2017 11:57 am

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>3.7</b>    |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:09      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.8 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17I0797-02

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:08 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 108-67-8 | <b>1,3,5-Trimethylbenzene</b>                        | <b>0.67</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |



## Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17I0797-02

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 2:08 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |





## Sample Information

**Client Sample ID:** MW-98-04

**York Sample ID:** 17I0797-02

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:08 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.82</b>   |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 06:20      | 09/27/2017 10:36      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.4 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 110 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17I0797-03

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |





## Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17I0797-03

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |



## Sample Information

**Client Sample ID:** MW-98-04B

**York Sample ID:** 17I0797-03

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:28      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.4 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17I0797-04

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.83</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |



## Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17I0797-04

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 67-64-1    | Acetone                        | 1.1    | J    | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |





## Sample Information

**Client Sample ID:** MW-98-05AR

**York Sample ID:** 17I0797-04

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>35</b>     |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.58</b>   |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 12:55      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.9 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 112 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17I0797-05

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 1:09 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result     | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>1.8</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |





## Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17I0797-05

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 18, 2017 1:09 pm

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |



## Sample Information

**Client Sample ID:** MW-98-05BR

**York Sample ID:** 17I0797-05

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 18, 2017 1:09 pm

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:23      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.3 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 117 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17I0797-06

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:01 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |



## Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17I0797-06

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:01 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |



## Sample Information

**Client Sample ID:** MW-45A

**York Sample ID:** 17I0797-06

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:01 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.41</b>   | J                       | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 13:50      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 91.6 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 116 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17I0797-07

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:39 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |



## Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17I0797-07

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:39 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method             | Date/Time<br>Prepared                                     | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|------------------------------|-----------------------------------------------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 14:17      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 14:17      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 14:17      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 14:17      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 14:17      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: | 09/27/2017 11:20<br>CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 14:17      | SR      |



## Sample Information

**Client Sample ID:** MW-45B

**York Sample ID:** 17I0797-07

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 20, 2017 10:39 am

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:17      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.0 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 116 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17I0797-08

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:15 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |



## Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17I0797-08

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:15 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |



## Sample Information

**Client Sample ID:** MW-28A

**York Sample ID:** 17I0797-08

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:15 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.     | Parameter                   | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-------------|-----------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2     | Methylene chloride          | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 91-20-3     | Naphthalene                 | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 104-51-8    | n-Butylbenzene              | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 103-65-1    | n-Propylbenzene             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 95-47-6     | o-Xylene                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 179601-23-1 | p- & m- Xylenes             | ND     |      | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 99-87-6     | p-Isopropyltoluene          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 135-98-8    | sec-Butylbenzene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 100-42-5    | Styrene                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 98-06-6     | tert-Butylbenzene           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 127-18-4    | Tetrachloroethylene         | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 108-88-3    | Toluene                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 156-60-5    | trans-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 10061-02-6  | trans-1,3-Dichloropropylene | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 79-01-6     | Trichloroethylene           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-69-4     | Trichlorofluoromethane      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 75-01-4     | Vinyl Chloride              | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |
| 1330-20-7   | Xylenes, Total              | ND     |      | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 14:45      | SR      |

| Surrogate Recoveries |                                  | Result | Acceptance Range |
|----------------------|----------------------------------|--------|------------------|
| 17060-07-0           | Surrogate: 1,2-Dichloroethane-d4 | 85.7 % | 69-130           |
| 2037-26-5            | Surrogate: Toluene-d8            | 105 %  | 81-117           |
| 460-00-4             | Surrogate: p-Bromofluorobenzene  | 119 %  | 79-122           |





## Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17I0797-09

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:55 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |



## Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17I0797-09

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:55 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |



## Sample Information

**Client Sample ID:** MW-28B

**York Sample ID:** 17I0797-09

**York Project (SDG) No.**

17I0797

**Client Project ID**

Kraft/NABSAG

**Matrix**

Water

**Collection Date/Time**

September 19, 2017 12:55 pm

**Date Received**

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:12      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.0 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 117 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-44A

**York Sample ID:** 17I0797-10

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 19, 2017 3:09 pm

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |



## Sample Information

**Client Sample ID:** MW-44A

**York Sample ID:** 17I0797-10

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 3:09 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |



## Sample Information

**Client Sample ID:** MW-44A

**York Sample ID:** 17I0797-10

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 3:09 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 15:40      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.2 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 102 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 118 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-44B

**York Sample ID:** 17I0797-11

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |



## Sample Information

**Client Sample ID:** MW-44B

**York Sample ID:** 17I0797-11

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |



## Sample Information

**Client Sample ID:** MW-44B

**York Sample ID:** 17I0797-11

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:36 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:07      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 91.8 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 102 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 118 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-44C

**York Sample ID:** 17I0797-12

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 1:59 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 107-06-2 | <b>1,2-Dichloroethane</b>                            | <b>0.63</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |



## Sample Information

**Client Sample ID:** MW-44C

**York Sample ID:** 17I0797-12

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 1:59 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |



## Sample Information

**Client Sample ID:** MW-44C

**York Sample ID:** 17I0797-12

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 1:59 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 16:35      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.2 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 118 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-47A

**York Sample ID:** 17I0797-13

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result     | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 108-67-8 | <b>1,3,5-Trimethylbenzene</b>                        | <b>1.7</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND         |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |



## Sample Information

**Client Sample ID:** MW-47A

**York Sample ID:** 17I0797-13

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                       | Result      | Flag     | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---------------------------------|-------------|----------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                      | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 106-43-4   | 4-Chlorotoluene                 | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 67-64-1    | Acetone                         | ND          |          | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 71-43-2    | Benzene                         | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 108-86-1   | Bromobenzene                    | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 74-97-5    | Bromochloromethane              | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-27-4    | Bromodichloromethane            | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-25-2    | Bromoform                       | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 74-83-9    | Bromomethane                    | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 56-23-5    | Carbon tetrachloride            | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 108-90-7   | Chlorobenzene                   | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-00-3    | Chloroethane                    | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 67-66-3    | Chloroform                      | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 74-87-3    | Chloromethane                   | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>0.40</b> | <b>J</b> | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 124-48-1   | Dibromochloromethane            | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 74-95-3    | Dibromomethane                  | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 100-41-4   | Ethyl Benzene                   | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 87-68-3    | Hexachlorobutadiene             | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 98-82-8    | Isopropylbenzene                | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE)  | ND          |          | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |



## Sample Information

**Client Sample ID:** MW-47A

**York Sample ID:** 17I0797-13

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.26</b>   | J                       | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.61</b>   |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:02      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.5 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 108 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-47B

**York Sample ID:** 17I0797-14

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:12 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |



## Sample Information

**Client Sample ID:** MW-47B

**York Sample ID:** 17I0797-14

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:12 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |



## Sample Information

**Client Sample ID:** MW-47B

**York Sample ID:** 17I0797-14

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 10:12 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:29      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 88.5 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 108 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17I0797-15

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:02 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.85</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |



## Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17I0797-15

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:02 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |



## Sample Information

**Client Sample ID:** N-32

**York Sample ID:** 17I0797-15

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:02 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 17:56      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.4 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 108 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 111 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17I0797-16

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:41 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.32</b> | J    | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |



## Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17I0797-16

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:41 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 67-64-1    | Acetone                        | 7.1    |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |



## Sample Information

**Client Sample ID:** N-32B

**York Sample ID:** 17I0797-16

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 11:41 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:20      | 09/27/2017 18:24      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.7 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 110 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17I0797-17

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 1:25 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.79</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |



## Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17I0797-17

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 1:25 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |



## Sample Information

**Client Sample ID:** MW-58A

**York Sample ID:** 17I0797-17

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 1:25 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|-------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-N       | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854 | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854 | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.23</b>   | J                       | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/27/2017 22:02      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                   |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.0 %        | 69-130                  |       |                        |      |          |                                                                   |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                   |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                   |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17I0797-18

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:47 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.79</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |



## Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17I0797-18

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:47 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |



## Sample Information

**Client Sample ID:** MW-58B

**York Sample ID:** 17I0797-18

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 12:47 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/27/2017 23:51      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 88.3 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17I0797-19

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 3:25 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.99</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |



## Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17I0797-19

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 3:25 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 67-64-1    | Acetone                        | 1.2    | J    | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |



## Sample Information

**Client Sample ID:** MW-59A

**York Sample ID:** 17I0797-19

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 3:25 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:18      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.0 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 120 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17I0797-20

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 9:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.28</b> | J    | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |



## Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17I0797-20

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 9:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |



## Sample Information

**Client Sample ID:** MW-59B

**York Sample ID:** 17I0797-20

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 19, 2017 9:57 am

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 00:45      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 84.9 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-42B

**York Sample ID:** 17I0797-21

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:19 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |



## Sample Information

**Client Sample ID:** MW-42B

**York Sample ID:** 17I0797-21

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:19 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |



## Sample Information

**Client Sample ID:** MW-42B

**York Sample ID:** 17I0797-21

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:19 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:12      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.6 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 122 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 17I0797-22

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 11:46 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |



## Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 17I0797-22

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 18, 2017 11:46 am

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |



## Sample Information

**Client Sample ID:** MW-43A

**York Sample ID:** 17I0797-22

**York Project (SDG) No.**

17I0797

**Client Project ID**

Kraft/NABSAG

**Matrix**

Water

**Collection Date/Time**

September 18, 2017 11:46 am

**Date Received**

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 01:39      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.9 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 120 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-43B

**York Sample ID:** 17I0797-23

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:33 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |



## Sample Information

**Client Sample ID:** MW-43B

**York Sample ID:** 17I0797-23

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:33 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |



## Sample Information

**Client Sample ID:** MW-43B

**York Sample ID:** 17I0797-23

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 12:33 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:06      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.5 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 107 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 108 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-43C

**York Sample ID:** 17I0797-24

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 1:24 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |



## Sample Information

**Client Sample ID:** MW-43C

**York Sample ID:** 17I0797-24

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 1:24 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 67-64-1    | Acetone                        | 1.1    | J    | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |



## Sample Information

**Client Sample ID:** MW-43C

**York Sample ID:** 17I0797-24

**York Project (SDG) No.**  
17I0797

**Client Project ID**  
Kraft/NABSAG

**Matrix**  
Water

**Collection Date/Time**  
September 18, 2017 1:24 pm

**Date Received**  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 02:33      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 88.1 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 108 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 108 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 17I0797-25

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 2:38 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 17I0797-25

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 2:38 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |



## Sample Information

**Client Sample ID:** MW-53

**York Sample ID:** 17I0797-25

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 2:38 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.28</b>   | J                       | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:00      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.2 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 17I0797-26

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:39 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |





## Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 17I0797-26

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:39 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |



## Sample Information

**Client Sample ID:** MW-54

**York Sample ID:** 17I0797-26

York Project (SDG) No.

17I0797

Client Project ID

Kraft/NABSAG

Matrix

Water

Collection Date/Time

September 18, 2017 3:39 pm

Date Received

09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                  | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|-------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-N       | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854 | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854 | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N | 09/27/2017 11:23      | 09/28/2017 03:27      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                   |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.4 %        | 69-130                  |       |                        |      |          |                                                                   |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 107 %         | 81-117                  |       |                        |      |          |                                                                   |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                   |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-B1

**York Sample ID:** 17I0797-27

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:05 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.84</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |



## Sample Information

**Client Sample ID:** MW-B1

**York Sample ID:** 17I0797-27

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:05 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |





## Sample Information

**Client Sample ID:** MW-B1

**York Sample ID:** 17I0797-27

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:05 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 03:55      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.7 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 120 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-B4

**York Sample ID:** 17I0797-28

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:49 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.61</b> |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |



## Sample Information

**Client Sample ID:** MW-B4

**York Sample ID:** 17I0797-28

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:49 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |



## Sample Information

**Client Sample ID:** MW-B4

**York Sample ID:** 17I0797-28

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 3:49 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 04:22      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 84.5 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 107 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 120 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** RW-3

**York Sample ID:** 17I0797-29

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:10 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.21</b> | J    | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |



## Sample Information

**Client Sample ID:** RW-3

**York Sample ID:** 17I0797-29

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:10 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |



## Sample Information

**Client Sample ID:** RW-3

**York Sample ID:** 17I0797-29

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:10 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 14:26      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 88.3 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 122 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** RW-4

**York Sample ID:** 17I0797-30

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 4:59 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |





## Sample Information

**Client Sample ID:** RW-4

**York Sample ID:** 17I0797-30

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 4:59 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 67-64-1    | Acetone                        | 8.9    |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |



## Sample Information

**Client Sample ID:** RW-4

**York Sample ID:** 17I0797-30

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 18, 2017 4:59 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 108-88-3                    | <b>Toluene</b>                   | <b>0.21</b>   | J                       | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:16      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.2 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 108 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 107 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** RW-6

**York Sample ID:** 17I0797-31

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:27 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |



## Sample Information

**Client Sample ID:** RW-6

**York Sample ID:** 17I0797-31

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:27 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |





## Sample Information

**Client Sample ID:** RW-6

**York Sample ID:** 17I0797-31

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 9:27 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 05:43      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.1 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 107 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17I0797-32

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.35</b> | J    | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |



## Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17I0797-32

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |



## Sample Information

**Client Sample ID:** MW-A

**York Sample ID:** 17I0797-32

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 2:44 pm

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/27/2017 11:23      | 09/28/2017 06:10      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 88.3 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 122 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** MW-B

**York Sample ID:** 17I0797-33

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 9:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result      | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|-------------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 541-73-1 | <b>1,3-Dichlorobenzene</b>                           | <b>0.27</b> | J    | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |



## Sample Information

**Client Sample ID:** MW-B

**York Sample ID:** 17I0797-33

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 9:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |



## Sample Information

**Client Sample ID:** MW-B

**York Sample ID:** 17I0797-33

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 19, 2017 9:57 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:10      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 91.0 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 107 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 102 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** FB-PS

**York Sample ID:** 17I0797-34

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:54 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |





## Sample Information

**Client Sample ID:** FB-PS

**York Sample ID:** 17I0797-34

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:54 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 67-64-1    | Acetone                        | 1.2    | J    | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |



## Sample Information

**Client Sample ID:** FB-PS

**York Sample ID:** 17I0797-34

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 10:54 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 12:37      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.8 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 106 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** FB-LD

**York Sample ID:** 17I0797-35

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 11:15 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |



## Sample Information

**Client Sample ID:** FB-LD

**York Sample ID:** 17I0797-35

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 11:15 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 67-64-1    | Acetone                        | 1.5    | J    | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |





## Sample Information

**Client Sample ID:** FB-LD

**York Sample ID:** 17I0797-35

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 11:15 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:04      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 87.8 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Sample Information

**Client Sample ID:** TB-PS

**York Sample ID:** 17I0797-36

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |



## Sample Information

**Client Sample ID:** TB-PS

**York Sample ID:** 17I0797-36

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |



## Sample Information

**Client Sample ID:** TB-PS

**York Sample ID:** 17I0797-36

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:31      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 90.8 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |





## Sample Information

**Client Sample ID:** TB-LD

**York Sample ID:** 17I0797-37

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.  | Parameter                                            | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------|------------------------------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |



## Sample Information

**Client Sample ID:** TB-LD

**York Sample ID:** 17I0797-37

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.    | Parameter                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|--------------------------------|--------|------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 591-78-6   | 2-Hexanone                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 106-43-4   | 4-Chlorotoluene                | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 67-64-1    | Acetone                        | ND     |      | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 71-43-2    | Benzene                        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 108-86-1   | Bromobenzene                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 74-97-5    | Bromochloromethane             | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-27-4    | Bromodichloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-25-2    | Bromoform                      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 74-83-9    | Bromomethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 56-23-5    | Carbon tetrachloride           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 108-90-7   | Chlorobenzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-00-3    | Chloroethane                   | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 67-66-3    | Chloroform                     | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 74-87-3    | Chloromethane                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 124-48-1   | Dibromochloromethane           | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 74-95-3    | Dibromomethane                 | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-71-8    | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 100-41-4   | Ethyl Benzene                  | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 87-68-3    | Hexachlorobutadiene            | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 98-82-8    | Isopropylbenzene               | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |



## Sample Information

**Client Sample ID:** TB-LD

**York Sample ID:** 17I0797-37

York Project (SDG) No.  
17I0797

Client Project ID  
Kraft/NABSAG

Matrix  
Water

Collection Date/Time  
September 20, 2017 12:00 am

Date Received  
09/20/2017

### Volatile Organics, 8260 List - Low Level

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 5030B

| CAS No.                     | Parameter                        | Result        | Flag                    | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference Method                                                   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|------------------------|------|----------|--------------------------------------------------------------------|-----------------------|-----------------------|---------|
| 75-09-2                     | Methylene chloride               | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 1.0                    | 2.0  | 1        | EPA 8260C<br>Certifications: NELAC-NY10854-CT,NJDEP,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 179601-23-1                 | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.50                   | 1.0  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NELAC-NY10854- | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.20                   | 0.50 | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.60                   | 1.5  | 1        | EPA 8260C<br>Certifications: CTDOH,NELAC-NY10854-CT,NJDEP,NELAC-N  | 09/28/2017 07:30      | 09/28/2017 13:59      | SR      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |                        |      |          |                                                                    |                       |                       |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 89.7 %        | 69-130                  |       |                        |      |          |                                                                    |                       |                       |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81-117                  |       |                        |      |          |                                                                    |                       |                       |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 121 %         | 79-122                  |       |                        |      |          |                                                                    |                       |                       |         |



## Analytical Batch Summary

**Batch ID:** BI71210

**Preparation Method:** EPA 5030B

**Prepared By:** RDS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 17I0797-01     | MW-98-01A        | 09/27/17         |
| 17I0797-02     | MW-98-04         | 09/27/17         |
| 17I0797-03     | MW-98-04B        | 09/27/17         |
| 17I0797-04     | MW-98-05AR       | 09/27/17         |
| 17I0797-05     | MW-98-05BR       | 09/27/17         |
| 17I0797-06     | MW-45A           | 09/27/17         |
| 17I0797-07     | MW-45B           | 09/27/17         |
| 17I0797-08     | MW-28A           | 09/27/17         |
| 17I0797-09     | MW-28B           | 09/27/17         |
| 17I0797-10     | MW-44A           | 09/27/17         |
| 17I0797-11     | MW-44B           | 09/27/17         |
| 17I0797-12     | MW-44C           | 09/27/17         |
| 17I0797-13     | MW-47A           | 09/27/17         |
| 17I0797-14     | MW-47B           | 09/27/17         |
| 17I0797-15     | N-32             | 09/27/17         |
| 17I0797-16     | N-32B            | 09/27/17         |
| BI71210-BLK1   | Blank            | 09/27/17         |
| BI71210-BS1    | LCS              | 09/27/17         |
| BI71210-BSD1   | LCS Dup          | 09/27/17         |
| BI71210-MS1    | Matrix Spike     | 09/27/17         |
| BI71210-MSD1   | Matrix Spike Dup | 09/27/17         |

**Batch ID:** BI71242

**Preparation Method:** EPA 5030B

**Prepared By:** RDS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 17I0797-17     | MW-58A           | 09/27/17         |
| 17I0797-18     | MW-58B           | 09/27/17         |
| 17I0797-19     | MW-59A           | 09/27/17         |
| 17I0797-20     | MW-59B           | 09/27/17         |
| 17I0797-21     | MW-42B           | 09/27/17         |
| 17I0797-22     | MW-43A           | 09/27/17         |
| 17I0797-23     | MW-43B           | 09/27/17         |
| 17I0797-24     | MW-43C           | 09/27/17         |
| 17I0797-25     | MW-53            | 09/27/17         |
| 17I0797-26     | MW-54            | 09/27/17         |
| 17I0797-27     | MW-B1            | 09/27/17         |
| 17I0797-28     | MW-B4            | 09/27/17         |
| 17I0797-30     | RW-4             | 09/27/17         |
| 17I0797-31     | RW-6             | 09/27/17         |
| 17I0797-32     | MW-A             | 09/27/17         |
| BI71242-BLK1   | Blank            | 09/27/17         |
| BI71242-BS1    | LCS              | 09/27/17         |
| BI71242-BSD1   | LCS Dup          | 09/27/17         |
| BI71242-MS1    | Matrix Spike     | 09/27/17         |
| BI71242-MSD1   | Matrix Spike Dup | 09/27/17         |





**Batch ID:** BI71290

**Preparation Method:** EPA 5030B

**Prepared By:** RDS

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 17I0797-29     | RW-3             | 09/28/17         |
| 17I0797-33     | MW-B             | 09/28/17         |
| 17I0797-34     | FB-PS            | 09/28/17         |
| 17I0797-35     | FB-LD            | 09/28/17         |
| 17I0797-36     | TB-PS            | 09/28/17         |
| 17I0797-37     | TB-LD            | 09/28/17         |
| BI71290-BLK1   | Blank            | 09/28/17         |
| BI71290-BS1    | LCS              | 09/28/17         |
| BI71290-BSD1   | LCS Dup          | 09/28/17         |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71210 - EPA 5030B

##### Blank (BI71210-BLK1)

Prepared & Analyzed: 09/27/2017

|                                                   |    |      |      |
|---------------------------------------------------|----|------|------|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.50 | ug/L |
| 1,1,1-Trichloroethane                             | ND | 0.50 | "    |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.50 | "    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.50 | "    |
| 1,1,2-Trichloroethane                             | ND | 0.50 | "    |
| 1,1-Dichloroethane                                | ND | 0.50 | "    |
| 1,1-Dichloroethylene                              | ND | 0.50 | "    |
| 1,1-Dichloropropylene                             | ND | 0.50 | "    |
| 1,2,3-Trichlorobenzene                            | ND | 0.50 | "    |
| 1,2,3-Trichloropropane                            | ND | 0.50 | "    |
| 1,2,4-Trichlorobenzene                            | ND | 0.50 | "    |
| 1,2,4-Trimethylbenzene                            | ND | 0.50 | "    |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.50 | "    |
| 1,2-Dibromoethane                                 | ND | 0.50 | "    |
| 1,2-Dichlorobenzene                               | ND | 0.50 | "    |
| 1,2-Dichloroethane                                | ND | 0.50 | "    |
| 1,2-Dichloropropane                               | ND | 0.50 | "    |
| 1,3,5-Trimethylbenzene                            | ND | 0.50 | "    |
| 1,3-Dichlorobenzene                               | ND | 0.50 | "    |
| 1,3-Dichloropropane                               | ND | 0.50 | "    |
| 1,4-Dichlorobenzene                               | ND | 0.50 | "    |
| 2,2-Dichloropropane                               | ND | 0.50 | "    |
| 2-Chlorotoluene                                   | ND | 0.50 | "    |
| 2-Hexanone                                        | ND | 0.50 | "    |
| 4-Chlorotoluene                                   | ND | 0.50 | "    |
| Acetone                                           | ND | 2.0  | "    |
| Benzene                                           | ND | 0.50 | "    |
| Bromobenzene                                      | ND | 0.50 | "    |
| Bromochloromethane                                | ND | 0.50 | "    |
| Bromodichloromethane                              | ND | 0.50 | "    |
| Bromoform                                         | ND | 0.50 | "    |
| Bromomethane                                      | ND | 0.50 | "    |
| Carbon tetrachloride                              | ND | 0.50 | "    |
| Chlorobenzene                                     | ND | 0.50 | "    |
| Chloroethane                                      | ND | 0.50 | "    |
| Chloroform                                        | ND | 0.50 | "    |
| Chloromethane                                     | ND | 0.50 | "    |
| cis-1,2-Dichloroethylene                          | ND | 0.50 | "    |
| cis-1,3-Dichloropropylene                         | ND | 0.50 | "    |
| Dibromochloromethane                              | ND | 0.50 | "    |
| Dibromomethane                                    | ND | 0.50 | "    |
| Dichlorodifluoromethane                           | ND | 0.50 | "    |
| Ethyl Benzene                                     | ND | 0.50 | "    |
| Hexachlorobutadiene                               | ND | 0.50 | "    |
| Isopropylbenzene                                  | ND | 0.50 | "    |
| Methyl tert-butyl ether (MTBE)                    | ND | 0.50 | "    |
| Methylene chloride                                | ND | 2.0  | "    |
| Naphthalene                                       | ND | 2.0  | "    |
| n-Butylbenzene                                    | ND | 0.50 | "    |
| n-Propylbenzene                                   | ND | 0.50 | "    |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result      | Reporting Limit | Units    | Spike Level | Source* Result | %REC        | %REC Limits   | Flag | RPD | RPD Limit | Flag |
|---------------------------------------------------|-------------|-----------------|----------|-------------|----------------|-------------|---------------|------|-----|-----------|------|
| <b>Batch BI71210 - EPA 5030B</b>                  |             |                 |          |             |                |             |               |      |     |           |      |
| <b>Blank (BI71210-BLK1)</b>                       |             |                 |          |             |                |             |               |      |     |           |      |
| Prepared & Analyzed: 09/27/2017                   |             |                 |          |             |                |             |               |      |     |           |      |
| o-Xylene                                          | ND          | 0.50            | ug/L     |             |                |             |               |      |     |           |      |
| p- & m- Xylenes                                   | ND          | 1.0             | "        |             |                |             |               |      |     |           |      |
| p-Isopropyltoluene                                | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| sec-Butylbenzene                                  | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Styrene                                           | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| tert-Butylbenzene                                 | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Tetrachloroethylene                               | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Toluene                                           | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| trans-1,2-Dichloroethylene                        | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| trans-1,3-Dichloropropylene                       | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Trichloroethylene                                 | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Trichlorofluoromethane                            | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Vinyl Chloride                                    | ND          | 0.50            | "        |             |                |             |               |      |     |           |      |
| Xylenes, Total                                    | ND          | 1.5             | "        |             |                |             |               |      |     |           |      |
| <i>Surrogate: 1,2-Dichloroethane-d4</i>           | <i>9.00</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>90.0</i> | <i>69-130</i> |      |     |           |      |
| <i>Surrogate: Toluene-d8</i>                      | <i>10.2</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>102</i>  | <i>81-117</i> |      |     |           |      |
| <i>Surrogate: p-Bromofluorobenzene</i>            | <i>11.6</i> |                 | <i>"</i> | <i>10.0</i> |                | <i>116</i>  | <i>79-122</i> |      |     |           |      |
| <b>LCS (BI71210-BS1)</b>                          |             |                 |          |             |                |             |               |      |     |           |      |
| Prepared & Analyzed: 09/27/2017                   |             |                 |          |             |                |             |               |      |     |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.51        |                 | ug/L     | 10.0        |                | 85.1        | 82-126        |      |     |           |      |
| 1,1,1-Trichloroethane                             | 8.83        |                 | "        | 10.0        |                | 88.3        | 78-136        |      |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | 8.91        |                 | "        | 10.0        |                | 89.1        | 76-129        |      |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.53        |                 | "        | 10.0        |                | 95.3        | 54-165        |      |     |           |      |
| 1,1,2-Trichloroethane                             | 8.98        |                 | "        | 10.0        |                | 89.8        | 82-123        |      |     |           |      |
| 1,1-Dichloroethane                                | 8.53        |                 | "        | 10.0        |                | 85.3        | 82-129        |      |     |           |      |
| 1,1-Dichloroethylene                              | 9.30        |                 | "        | 10.0        |                | 93.0        | 68-138        |      |     |           |      |
| 1,1-Dichloropropylene                             | 8.73        |                 | "        | 10.0        |                | 87.3        | 83-133        |      |     |           |      |
| 1,2,3-Trichlorobenzene                            | 9.55        |                 | "        | 10.0        |                | 95.5        | 76-136        |      |     |           |      |
| 1,2,3-Trichloropropane                            | 9.45        |                 | "        | 10.0        |                | 94.5        | 77-128        |      |     |           |      |
| 1,2,4-Trichlorobenzene                            | 9.60        |                 | "        | 10.0        |                | 96.0        | 76-137        |      |     |           |      |
| 1,2,4-Trimethylbenzene                            | 9.61        |                 | "        | 10.0        |                | 96.1        | 82-132        |      |     |           |      |
| 1,2-Dibromo-3-chloropropane                       | 9.69        |                 | "        | 10.0        |                | 96.9        | 45-147        |      |     |           |      |
| 1,2-Dibromoethane                                 | 9.14        |                 | "        | 10.0        |                | 91.4        | 83-124        |      |     |           |      |
| 1,2-Dichlorobenzene                               | 9.19        |                 | "        | 10.0        |                | 91.9        | 79-123        |      |     |           |      |
| 1,2-Dichloroethane                                | 8.77        |                 | "        | 10.0        |                | 87.7        | 73-132        |      |     |           |      |
| 1,2-Dichloropropane                               | 8.72        |                 | "        | 10.0        |                | 87.2        | 78-126        |      |     |           |      |
| 1,3,5-Trimethylbenzene                            | 9.71        |                 | "        | 10.0        |                | 97.1        | 80-131        |      |     |           |      |
| 1,3-Dichlorobenzene                               | 9.19        |                 | "        | 10.0        |                | 91.9        | 86-122        |      |     |           |      |
| 1,3-Dichloropropane                               | 9.06        |                 | "        | 10.0        |                | 90.6        | 81-125        |      |     |           |      |
| 1,4-Dichlorobenzene                               | 8.88        |                 | "        | 10.0        |                | 88.8        | 85-124        |      |     |           |      |
| 2,2-Dichloropropane                               | 9.58        |                 | "        | 10.0        |                | 95.8        | 56-150        |      |     |           |      |
| 2-Chlorotoluene                                   | 9.65        |                 | "        | 10.0        |                | 96.5        | 79-130        |      |     |           |      |
| 2-Hexanone                                        | 8.72        |                 | "        | 10.0        |                | 87.2        | 51-146        |      |     |           |      |
| 4-Chlorotoluene                                   | 9.62        |                 | "        | 10.0        |                | 96.2        | 79-128        |      |     |           |      |
| Acetone                                           | 7.62        |                 | "        | 10.0        |                | 76.2        | 14-150        |      |     |           |      |
| Benzene                                           | 8.96        |                 | "        | 10.0        |                | 89.6        | 85-126        |      |     |           |      |
| Bromobenzene                                      | 9.47        |                 | "        | 10.0        |                | 94.7        | 78-129        |      |     |           |      |
| Bromochloromethane                                | 9.24        |                 | "        | 10.0        |                | 92.4        | 77-128        |      |     |           |      |
| Bromodichloromethane                              | 9.19        |                 | "        | 10.0        |                | 91.9        | 79-128        |      |     |           |      |
| Bromoform                                         | 8.99        |                 | "        | 10.0        |                | 89.9        | 78-133        |      |     |           |      |
| Bromomethane                                      | 10.7        |                 | "        | 10.0        |                | 107         | 43-168        |      |     |           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71210 - EPA 5030B

#### LCS (BI71210-BS1)

Prepared & Analyzed: 09/27/2017

|                                  |      |  |      |      |  |      |        |  |  |  |  |
|----------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| Carbon tetrachloride             | 8.70 |  | ug/L | 10.0 |  | 87.0 | 77-141 |  |  |  |  |
| Chlorobenzene                    | 8.89 |  | "    | 10.0 |  | 88.9 | 88-120 |  |  |  |  |
| Chloroethane                     | 9.56 |  | "    | 10.0 |  | 95.6 | 65-136 |  |  |  |  |
| Chloroform                       | 9.07 |  | "    | 10.0 |  | 90.7 | 82-128 |  |  |  |  |
| Chloromethane                    | 8.98 |  | "    | 10.0 |  | 89.8 | 43-155 |  |  |  |  |
| cis-1,2-Dichloroethylene         | 9.01 |  | "    | 10.0 |  | 90.1 | 83-129 |  |  |  |  |
| cis-1,3-Dichloropropylene        | 9.13 |  | "    | 10.0 |  | 91.3 | 80-131 |  |  |  |  |
| Dibromochloromethane             | 9.18 |  | "    | 10.0 |  | 91.8 | 80-130 |  |  |  |  |
| Dibromomethane                   | 8.98 |  | "    | 10.0 |  | 89.8 | 72-134 |  |  |  |  |
| Dichlorodifluoromethane          | 9.37 |  | "    | 10.0 |  | 93.7 | 44-144 |  |  |  |  |
| Ethyl Benzene                    | 9.14 |  | "    | 10.0 |  | 91.4 | 80-131 |  |  |  |  |
| Hexachlorobutadiene              | 10.4 |  | "    | 10.0 |  | 104  | 67-146 |  |  |  |  |
| Isopropylbenzene                 | 10.1 |  | "    | 10.0 |  | 101  | 76-140 |  |  |  |  |
| Methyl tert-butyl ether (MTBE)   | 8.71 |  | "    | 10.0 |  | 87.1 | 76-135 |  |  |  |  |
| Methylene chloride               | 8.05 |  | "    | 10.0 |  | 80.5 | 55-137 |  |  |  |  |
| Naphthalene                      | 9.74 |  | "    | 10.0 |  | 97.4 | 70-147 |  |  |  |  |
| n-Butylbenzene                   | 9.51 |  | "    | 10.0 |  | 95.1 | 79-132 |  |  |  |  |
| n-Propylbenzene                  | 10.0 |  | "    | 10.0 |  | 100  | 78-133 |  |  |  |  |
| o-Xylene                         | 8.77 |  | "    | 10.0 |  | 87.7 | 78-130 |  |  |  |  |
| p- & m- Xylenes                  | 19.4 |  | "    | 20.0 |  | 97.0 | 77-133 |  |  |  |  |
| p-Isopropyltoluene               | 9.62 |  | "    | 10.0 |  | 96.2 | 81-136 |  |  |  |  |
| sec-Butylbenzene                 | 9.85 |  | "    | 10.0 |  | 98.5 | 79-137 |  |  |  |  |
| Styrene                          | 8.66 |  | "    | 10.0 |  | 86.6 | 67-132 |  |  |  |  |
| tert-Butylbenzene                | 9.49 |  | "    | 10.0 |  | 94.9 | 77-138 |  |  |  |  |
| Tetrachloroethylene              | 8.63 |  | "    | 10.0 |  | 86.3 | 82-131 |  |  |  |  |
| Toluene                          | 9.11 |  | "    | 10.0 |  | 91.1 | 80-127 |  |  |  |  |
| trans-1,2-Dichloroethylene       | 8.68 |  | "    | 10.0 |  | 86.8 | 80-132 |  |  |  |  |
| trans-1,3-Dichloropropylene      | 9.11 |  | "    | 10.0 |  | 91.1 | 78-131 |  |  |  |  |
| Trichloroethylene                | 8.90 |  | "    | 10.0 |  | 89.0 | 82-128 |  |  |  |  |
| Trichlorofluoromethane           | 9.98 |  | "    | 10.0 |  | 99.8 | 67-139 |  |  |  |  |
| Vinyl Chloride                   | 9.50 |  | "    | 10.0 |  | 95.0 | 58-145 |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.21 |  | "    | 10.0 |  | 92.1 | 69-130 |  |  |  |  |
| Surrogate: Toluene-d8            | 10.2 |  | "    | 10.0 |  | 102  | 81-117 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 10.9 |  | "    | 10.0 |  | 109  | 79-122 |  |  |  |  |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag | RPD   | RPD<br>Limit | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|------|-------|--------------|------|
| <b>Batch BI71210 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |      |       |              |      |
| <b>LCS Dup (BI71210-BSD1)</b>                     |        |                    |       |                |                   | Prepared & Analyzed: 09/27/2017 |                |      |       |              |      |
| 1,1,1,2-Tetrachloroethane                         | 8.58   |                    | ug/L  | 10.0           |                   | 85.8                            | 82-126         |      | 0.819 | 30           |      |
| 1,1,1-Trichloroethane                             | 9.03   |                    | "     | 10.0           |                   | 90.3                            | 78-136         |      | 2.24  | 30           |      |
| 1,1,2,2-Tetrachloroethane                         | 9.12   |                    | "     | 10.0           |                   | 91.2                            | 76-129         |      | 2.33  | 30           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 54-165         |      | 2.38  | 30           |      |
| 1,1,2-Trichloroethane                             | 9.09   |                    | "     | 10.0           |                   | 90.9                            | 82-123         |      | 1.22  | 30           |      |
| 1,1-Dichloroethane                                | 8.64   |                    | "     | 10.0           |                   | 86.4                            | 82-129         |      | 1.28  | 30           |      |
| 1,1-Dichloroethylene                              | 9.45   |                    | "     | 10.0           |                   | 94.5                            | 68-138         |      | 1.60  | 30           |      |
| 1,1-Dichloropropylene                             | 8.93   |                    | "     | 10.0           |                   | 89.3                            | 83-133         |      | 2.27  | 30           |      |
| 1,2,3-Trichlorobenzene                            | 10.5   |                    | "     | 10.0           |                   | 105                             | 76-136         |      | 9.38  | 30           |      |
| 1,2,3-Trichloropropane                            | 9.59   |                    | "     | 10.0           |                   | 95.9                            | 77-128         |      | 1.47  | 30           |      |
| 1,2,4-Trichlorobenzene                            | 9.56   |                    | "     | 10.0           |                   | 95.6                            | 76-137         |      | 0.418 | 30           |      |
| 1,2,4-Trimethylbenzene                            | 9.93   |                    | "     | 10.0           |                   | 99.3                            | 82-132         |      | 3.28  | 30           |      |
| 1,2-Dibromo-3-chloropropane                       | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 45-147         |      | 0.103 | 30           |      |
| 1,2-Dibromoethane                                 | 9.23   |                    | "     | 10.0           |                   | 92.3                            | 83-124         |      | 0.980 | 30           |      |
| 1,2-Dichlorobenzene                               | 9.33   |                    | "     | 10.0           |                   | 93.3                            | 79-123         |      | 1.51  | 30           |      |
| 1,2-Dichloroethane                                | 8.60   |                    | "     | 10.0           |                   | 86.0                            | 73-132         |      | 1.96  | 30           |      |
| 1,2-Dichloropropane                               | 8.80   |                    | "     | 10.0           |                   | 88.0                            | 78-126         |      | 0.913 | 30           |      |
| 1,3,5-Trimethylbenzene                            | 10.2   |                    | "     | 10.0           |                   | 102                             | 80-131         |      | 4.43  | 30           |      |
| 1,3-Dichlorobenzene                               | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 86-122         |      | 2.90  | 30           |      |
| 1,3-Dichloropropane                               | 8.97   |                    | "     | 10.0           |                   | 89.7                            | 81-125         |      | 0.998 | 30           |      |
| 1,4-Dichlorobenzene                               | 9.83   |                    | "     | 10.0           |                   | 98.3                            | 85-124         |      | 10.2  | 30           |      |
| 2,2-Dichloropropane                               | 9.59   |                    | "     | 10.0           |                   | 95.9                            | 56-150         |      | 0.104 | 30           |      |
| 2-Chlorotoluene                                   | 10.0   |                    | "     | 10.0           |                   | 100                             | 79-130         |      | 3.96  | 30           |      |
| 2-Hexanone                                        | 8.56   |                    | "     | 10.0           |                   | 85.6                            | 51-146         |      | 1.85  | 30           |      |
| 4-Chlorotoluene                                   | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 79-128         |      | 3.67  | 30           |      |
| Acetone                                           | 7.16   |                    | "     | 10.0           |                   | 71.6                            | 14-150         |      | 6.22  | 30           |      |
| Benzene                                           | 9.13   |                    | "     | 10.0           |                   | 91.3                            | 85-126         |      | 1.88  | 30           |      |
| Bromobenzene                                      | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 78-129         |      | 3.02  | 30           |      |
| Bromochloromethane                                | 9.20   |                    | "     | 10.0           |                   | 92.0                            | 77-128         |      | 0.434 | 30           |      |
| Bromodichloromethane                              | 9.17   |                    | "     | 10.0           |                   | 91.7                            | 79-128         |      | 0.218 | 30           |      |
| Bromoform                                         | 8.98   |                    | "     | 10.0           |                   | 89.8                            | 78-133         |      | 0.111 | 30           |      |
| Bromomethane                                      | 11.1   |                    | "     | 10.0           |                   | 111                             | 43-168         |      | 3.68  | 30           |      |
| Carbon tetrachloride                              | 8.93   |                    | "     | 10.0           |                   | 89.3                            | 77-141         |      | 2.61  | 30           |      |
| Chlorobenzene                                     | 9.02   |                    | "     | 10.0           |                   | 90.2                            | 88-120         |      | 1.45  | 30           |      |
| Chloroethane                                      | 9.61   |                    | "     | 10.0           |                   | 96.1                            | 65-136         |      | 0.522 | 30           |      |
| Chloroform                                        | 9.03   |                    | "     | 10.0           |                   | 90.3                            | 82-128         |      | 0.442 | 30           |      |
| Chloromethane                                     | 8.94   |                    | "     | 10.0           |                   | 89.4                            | 43-155         |      | 0.446 | 30           |      |
| cis-1,2-Dichloroethylene                          | 9.09   |                    | "     | 10.0           |                   | 90.9                            | 83-129         |      | 0.884 | 30           |      |
| cis-1,3-Dichloropropylene                         | 9.07   |                    | "     | 10.0           |                   | 90.7                            | 80-131         |      | 0.659 | 30           |      |
| Dibromochloromethane                              | 9.18   |                    | "     | 10.0           |                   | 91.8                            | 80-130         |      | 0.00  | 30           |      |
| Dibromomethane                                    | 8.98   |                    | "     | 10.0           |                   | 89.8                            | 72-134         |      | 0.00  | 30           |      |
| Dichlorodifluoromethane                           | 9.66   |                    | "     | 10.0           |                   | 96.6                            | 44-144         |      | 3.05  | 30           |      |
| Ethyl Benzene                                     | 9.30   |                    | "     | 10.0           |                   | 93.0                            | 80-131         |      | 1.74  | 30           |      |
| Hexachlorobutadiene                               | 10.1   |                    | "     | 10.0           |                   | 101                             | 67-146         |      | 3.03  | 30           |      |
| Isopropylbenzene                                  | 10.5   |                    | "     | 10.0           |                   | 105                             | 76-140         |      | 4.37  | 30           |      |
| Methyl tert-butyl ether (MTBE)                    | 8.57   |                    | "     | 10.0           |                   | 85.7                            | 76-135         |      | 1.62  | 30           |      |
| Methylene chloride                                | 7.92   |                    | "     | 10.0           |                   | 79.2                            | 55-137         |      | 1.63  | 30           |      |
| Naphthalene                                       | 9.75   |                    | "     | 10.0           |                   | 97.5                            | 70-147         |      | 0.103 | 30           |      |
| n-Butylbenzene                                    | 10.0   |                    | "     | 10.0           |                   | 100                             | 79-132         |      | 5.52  | 30           |      |
| n-Propylbenzene                                   | 10.5   |                    | "     | 10.0           |                   | 105                             | 78-133         |      | 4.96  | 30           |      |
| o-Xylene                                          | 8.90   |                    | "     | 10.0           |                   | 89.0                            | 78-130         |      | 1.47  | 30           |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71210 - EPA 5030B

##### LCS Dup (BI71210-BSD1)

Prepared & Analyzed: 09/27/2017

|                                  |      |  |      |      |  |      |        |  |      |    |
|----------------------------------|------|--|------|------|--|------|--------|--|------|----|
| p- & m- Xylenes                  | 19.8 |  | ug/L | 20.0 |  | 99.2 | 77-133 |  | 2.24 | 30 |
| p-Isopropyltoluene               | 10.1 |  | "    | 10.0 |  | 101  | 81-136 |  | 5.07 | 30 |
| sec-Butylbenzene                 | 10.4 |  | "    | 10.0 |  | 104  | 79-137 |  | 5.82 | 30 |
| Styrene                          | 8.79 |  | "    | 10.0 |  | 87.9 | 67-132 |  | 1.49 | 30 |
| tert-Butylbenzene                | 10.0 |  | "    | 10.0 |  | 100  | 77-138 |  | 5.63 | 30 |
| Tetrachloroethylene              | 8.91 |  | "    | 10.0 |  | 89.1 | 82-131 |  | 3.19 | 30 |
| Toluene                          | 9.35 |  | "    | 10.0 |  | 93.5 | 80-127 |  | 2.60 | 30 |
| trans-1,2-Dichloroethylene       | 8.84 |  | "    | 10.0 |  | 88.4 | 80-132 |  | 1.83 | 30 |
| trans-1,3-Dichloropropylene      | 8.96 |  | "    | 10.0 |  | 89.6 | 78-131 |  | 1.66 | 30 |
| Trichloroethylene                | 9.08 |  | "    | 10.0 |  | 90.8 | 82-128 |  | 2.00 | 30 |
| Trichlorofluoromethane           | 10.3 |  | "    | 10.0 |  | 103  | 67-139 |  | 2.86 | 30 |
| Vinyl Chloride                   | 9.66 |  | "    | 10.0 |  | 96.6 | 58-145 |  | 1.67 | 30 |
| Surrogate: 1,2-Dichloroethane-d4 | 8.98 |  | "    | 10.0 |  | 89.8 | 69-130 |  |      |    |
| Surrogate: Toluene-d8            | 10.2 |  | "    | 10.0 |  | 102  | 81-117 |  |      |    |
| Surrogate: p-Bromofluorobenzene  | 11.0 |  | "    | 10.0 |  | 110  | 79-122 |  |      |    |

##### Matrix Spike (BI71210-MS1)

\*Source sample: 1710797-02 (MW-98-04)

Prepared & Analyzed: 09/27/2017

|                                                   |      |  |      |      |       |      |        |           |  |  |
|---------------------------------------------------|------|--|------|------|-------|------|--------|-----------|--|--|
| 1,1,1,2-Tetrachloroethane                         | 8.06 |  | ug/L | 10.0 | ND    | 80.6 | 45-161 |           |  |  |
| 1,1,1-Trichloroethane                             | 8.94 |  | "    | 10.0 | ND    | 89.4 | 70-146 |           |  |  |
| 1,1,2,2-Tetrachloroethane                         | 9.27 |  | "    | 10.0 | ND    | 92.7 | 74-121 |           |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.49 |  | "    | 10.0 | ND    | 84.9 | 21-217 |           |  |  |
| 1,1,2-Trichloroethane                             | 8.67 |  | "    | 10.0 | ND    | 86.7 | 59-146 |           |  |  |
| 1,1-Dichloroethane                                | 8.52 |  | "    | 10.0 | ND    | 85.2 | 54-146 |           |  |  |
| 1,1-Dichloroethylene                              | 9.66 |  | "    | 10.0 | ND    | 96.6 | 44-165 |           |  |  |
| 1,1-Dichloropropylene                             | 8.75 |  | "    | 10.0 | ND    | 87.5 | 82-134 |           |  |  |
| 1,2,3-Trichlorobenzene                            | 10.7 |  | "    | 10.0 | ND    | 107  | 40-161 |           |  |  |
| 1,2,3-Trichloropropane                            | 9.59 |  | "    | 10.0 | ND    | 95.9 | 74-127 |           |  |  |
| 1,2,4-Trichlorobenzene                            | 8.73 |  | "    | 10.0 | ND    | 87.3 | 41-161 |           |  |  |
| 1,2,4-Trimethylbenzene                            | 8.02 |  | "    | 10.0 | ND    | 80.2 | 72-129 |           |  |  |
| 1,2-Dibromo-3-chloropropane                       | 448  |  | "    | 10.0 | ND    | NR   | 31-151 | High Bias |  |  |
| 1,2-Dibromoethane                                 | 8.87 |  | "    | 10.0 | ND    | 88.7 | 75-125 |           |  |  |
| 1,2-Dichlorobenzene                               | 8.39 |  | "    | 10.0 | ND    | 83.9 | 63-122 |           |  |  |
| 1,2-Dichloroethane                                | 8.09 |  | "    | 10.0 | ND    | 80.9 | 68-131 |           |  |  |
| 1,2-Dichloropropane                               | 8.66 |  | "    | 10.0 | ND    | 86.6 | 77-121 |           |  |  |
| 1,3,5-Trimethylbenzene                            | 8.33 |  | "    | 10.0 | 0.670 | 76.6 | 69-126 |           |  |  |
| 1,3-Dichlorobenzene                               | 8.24 |  | "    | 10.0 | ND    | 82.4 | 74-119 |           |  |  |
| 1,3-Dichloropropane                               | 8.83 |  | "    | 10.0 | ND    | 88.3 | 77-119 |           |  |  |
| 1,4-Dichlorobenzene                               | 7.82 |  | "    | 10.0 | ND    | 78.2 | 70-124 |           |  |  |
| 2,2-Dichloropropane                               | 8.30 |  | "    | 10.0 | ND    | 83.0 | 10-160 |           |  |  |
| 2-Chlorotoluene                                   | 8.61 |  | "    | 10.0 | ND    | 86.1 | 70-126 |           |  |  |
| 2-Hexanone                                        | 9.21 |  | "    | 10.0 | ND    | 92.1 | 53-133 |           |  |  |
| 4-Chlorotoluene                                   | 8.60 |  | "    | 10.0 | ND    | 86.0 | 69-124 |           |  |  |
| Acetone                                           | 7.94 |  | "    | 10.0 | 0.350 | 75.9 | 13-149 |           |  |  |
| Benzene                                           | 8.91 |  | "    | 10.0 | ND    | 89.1 | 38-155 |           |  |  |
| Bromobenzene                                      | 10.8 |  | "    | 10.0 | ND    | 108  | 72-122 |           |  |  |
| Bromochloromethane                                | 8.73 |  | "    | 10.0 | ND    | 87.3 | 75-121 |           |  |  |
| Bromodichloromethane                              | 8.84 |  | "    | 10.0 | ND    | 88.4 | 70-129 |           |  |  |
| Bromoform                                         | 8.09 |  | "    | 10.0 | ND    | 80.9 | 66-136 |           |  |  |
| Bromomethane                                      | 11.1 |  | "    | 10.0 | ND    | 111  | 30-158 |           |  |  |
| Carbon tetrachloride                              | 8.80 |  | "    | 10.0 | ND    | 88.0 | 71-146 |           |  |  |
| Chlorobenzene                                     | 8.50 |  | "    | 10.0 | ND    | 85.0 | 81-117 |           |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71210 - EPA 5030B

|                                         |                                              |  |          |             |       |             |                                            |  |  |  |  |
|-----------------------------------------|----------------------------------------------|--|----------|-------------|-------|-------------|--------------------------------------------|--|--|--|--|
| <b>Matrix Spike (BI71210-MS1)</b>       | <b>*Source sample: 1710797-02 (MW-98-04)</b> |  |          |             |       |             | <b>Prepared &amp; Analyzed: 09/27/2017</b> |  |  |  |  |
| Chloroethane                            | 10.5                                         |  | ug/L     | 10.0        | ND    | 105         | 51-145                                     |  |  |  |  |
| Chloroform                              | 8.41                                         |  | "        | 10.0        | ND    | 84.1        | 80-124                                     |  |  |  |  |
| Chloromethane                           | 9.92                                         |  | "        | 10.0        | ND    | 99.2        | 16-163                                     |  |  |  |  |
| cis-1,2-Dichloroethylene                | 8.66                                         |  | "        | 10.0        | ND    | 86.6        | 76-125                                     |  |  |  |  |
| cis-1,3-Dichloropropylene               | 8.46                                         |  | "        | 10.0        | ND    | 84.6        | 58-131                                     |  |  |  |  |
| Dibromochloromethane                    | 8.60                                         |  | "        | 10.0        | ND    | 86.0        | 71-129                                     |  |  |  |  |
| Dibromomethane                          | 8.73                                         |  | "        | 10.0        | ND    | 87.3        | 76-120                                     |  |  |  |  |
| Dichlorodifluoromethane                 | 11.5                                         |  | "        | 10.0        | ND    | 115         | 30-147                                     |  |  |  |  |
| Ethyl Benzene                           | 8.77                                         |  | "        | 10.0        | ND    | 87.7        | 72-128                                     |  |  |  |  |
| Hexachlorobutadiene                     | 9.27                                         |  | "        | 10.0        | ND    | 92.7        | 34-166                                     |  |  |  |  |
| Isopropylbenzene                        | 9.06                                         |  | "        | 10.0        | ND    | 90.6        | 66-139                                     |  |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 8.19                                         |  | "        | 10.0        | ND    | 81.9        | 75-128                                     |  |  |  |  |
| Methylene chloride                      | 7.31                                         |  | "        | 10.0        | ND    | 73.1        | 57-128                                     |  |  |  |  |
| Naphthalene                             | 11.5                                         |  | "        | 10.0        | ND    | 115         | 39-158                                     |  |  |  |  |
| n-Butylbenzene                          | 6.86                                         |  | "        | 10.0        | ND    | 68.6        | 61-138                                     |  |  |  |  |
| n-Propylbenzene                         | 8.96                                         |  | "        | 10.0        | ND    | 89.6        | 66-134                                     |  |  |  |  |
| o-Xylene                                | 8.25                                         |  | "        | 10.0        | ND    | 82.5        | 69-126                                     |  |  |  |  |
| p- & m- Xylenes                         | 18.2                                         |  | "        | 20.0        | ND    | 91.2        | 67-130                                     |  |  |  |  |
| p-Isopropyltoluene                      | 7.50                                         |  | "        | 10.0        | ND    | 75.0        | 64-137                                     |  |  |  |  |
| sec-Butylbenzene                        | 7.94                                         |  | "        | 10.0        | ND    | 79.4        | 53-155                                     |  |  |  |  |
| Styrene                                 | 7.43                                         |  | "        | 10.0        | ND    | 74.3        | 69-125                                     |  |  |  |  |
| tert-Butylbenzene                       | 8.12                                         |  | "        | 10.0        | ND    | 81.2        | 65-139                                     |  |  |  |  |
| Tetrachloroethylene                     | 8.83                                         |  | "        | 10.0        | 0.820 | 80.1        | 64-139                                     |  |  |  |  |
| Toluene                                 | 9.09                                         |  | "        | 10.0        | ND    | 90.9        | 76-123                                     |  |  |  |  |
| trans-1,2-Dichloroethylene              | 8.76                                         |  | "        | 10.0        | ND    | 87.6        | 79-131                                     |  |  |  |  |
| trans-1,3-Dichloropropylene             | 8.34                                         |  | "        | 10.0        | ND    | 83.4        | 55-130                                     |  |  |  |  |
| Trichloroethylene                       | 9.17                                         |  | "        | 10.0        | ND    | 91.7        | 53-145                                     |  |  |  |  |
| Trichlorofluoromethane                  | 10.8                                         |  | "        | 10.0        | ND    | 108         | 61-142                                     |  |  |  |  |
| Vinyl Chloride                          | 10.9                                         |  | "        | 10.0        | ND    | 109         | 31-165                                     |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.04</i>                                  |  | <i>"</i> | <i>10.0</i> |       | <i>90.4</i> | <i>69-130</i>                              |  |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.4</i>                                  |  | <i>"</i> | <i>10.0</i> |       | <i>104</i>  | <i>81-117</i>                              |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>10.8</i>                                  |  | <i>"</i> | <i>10.0</i> |       | <i>108</i>  | <i>79-122</i>                              |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting<br>Limit                    | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits                  | Flag | RPD   | RPD<br>Limit | Flag     |
|---------------------------------------------------|--------|---------------------------------------|-------|----------------|-------------------|------|---------------------------------|------|-------|--------------|----------|
| <b>Batch BI71210 - EPA 5030B</b>                  |        |                                       |       |                |                   |      |                                 |      |       |              |          |
| <b>Matrix Spike Dup (BI71210-MSD1)</b>            |        | *Source sample: 1710797-02 (MW-98-04) |       |                |                   |      | Prepared & Analyzed: 09/27/2017 |      |       |              |          |
| 1,1,1,2-Tetrachloroethane                         | 8.37   |                                       | ug/L  | 10.0           | ND                | 83.7 | 45-161                          |      | 3.77  | 30           |          |
| 1,1,1-Trichloroethane                             | 9.22   |                                       | "     | 10.0           | ND                | 92.2 | 70-146                          |      | 3.08  | 30           |          |
| 1,1,2,2-Tetrachloroethane                         | 9.65   |                                       | "     | 10.0           | ND                | 96.5 | 74-121                          |      | 4.02  | 30           |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.88   |                                       | "     | 10.0           | ND                | 88.8 | 21-217                          |      | 4.49  | 30           |          |
| 1,1,2-Trichloroethane                             | 9.23   |                                       | "     | 10.0           | ND                | 92.3 | 59-146                          |      | 6.26  | 30           |          |
| 1,1-Dichloroethane                                | 8.92   |                                       | "     | 10.0           | ND                | 89.2 | 54-146                          |      | 4.59  | 30           |          |
| 1,1-Dichloroethylene                              | 10.1   |                                       | "     | 10.0           | ND                | 101  | 44-165                          |      | 4.45  | 30           |          |
| 1,1-Dichloropropylene                             | 9.11   |                                       | "     | 10.0           | ND                | 91.1 | 82-134                          |      | 4.03  | 30           |          |
| 1,2,3-Trichlorobenzene                            | 11.5   |                                       | "     | 10.0           | ND                | 115  | 40-161                          |      | 7.31  | 30           |          |
| 1,2,3-Trichloropropane                            | 9.63   |                                       | "     | 10.0           | ND                | 96.3 | 74-127                          |      | 0.416 | 30           |          |
| 1,2,4-Trichlorobenzene                            | 8.90   |                                       | "     | 10.0           | ND                | 89.0 | 41-161                          |      | 1.93  | 30           |          |
| 1,2,4-Trimethylbenzene                            | 8.19   |                                       | "     | 10.0           | ND                | 81.9 | 72-129                          |      | 2.10  | 30           |          |
| 1,2-Dibromo-3-chloropropane                       | 11.0   |                                       | "     | 10.0           | ND                | 110  | 31-151                          |      | 190   | 30           | Non-dir. |
| 1,2-Dibromoethane                                 | 9.35   |                                       | "     | 10.0           | ND                | 93.5 | 75-125                          |      | 5.27  | 30           |          |
| 1,2-Dichlorobenzene                               | 8.62   |                                       | "     | 10.0           | ND                | 86.2 | 63-122                          |      | 2.70  | 30           |          |
| 1,2-Dichloroethane                                | 8.57   |                                       | "     | 10.0           | ND                | 85.7 | 68-131                          |      | 5.76  | 30           |          |
| 1,2-Dichloropropane                               | 9.16   |                                       | "     | 10.0           | ND                | 91.6 | 77-121                          |      | 5.61  | 30           |          |
| 1,3,5-Trimethylbenzene                            | 8.50   |                                       | "     | 10.0           | 0.670             | 78.3 | 69-126                          |      | 2.19  | 30           |          |
| 1,3-Dichlorobenzene                               | 8.36   |                                       | "     | 10.0           | ND                | 83.6 | 74-119                          |      | 1.45  | 30           |          |
| 1,3-Dichloropropane                               | 9.32   |                                       | "     | 10.0           | ND                | 93.2 | 77-119                          |      | 5.40  | 30           |          |
| 1,4-Dichlorobenzene                               | 8.27   |                                       | "     | 10.0           | ND                | 82.7 | 70-124                          |      | 5.59  | 30           |          |
| 2,2-Dichloropropane                               | 8.50   |                                       | "     | 10.0           | ND                | 85.0 | 10-160                          |      | 2.38  | 30           |          |
| 2-Chlorotoluene                                   | 8.87   |                                       | "     | 10.0           | ND                | 88.7 | 70-126                          |      | 2.97  | 30           |          |
| 2-Hexanone                                        | 10.2   |                                       | "     | 10.0           | ND                | 102  | 53-133                          |      | 9.81  | 30           |          |
| 4-Chlorotoluene                                   | 8.91   |                                       | "     | 10.0           | ND                | 89.1 | 69-124                          |      | 3.54  | 30           |          |
| Acetone                                           | 8.42   |                                       | "     | 10.0           | 0.350             | 80.7 | 13-149                          |      | 6.13  | 30           |          |
| Benzene                                           | 9.28   |                                       | "     | 10.0           | ND                | 92.8 | 38-155                          |      | 4.07  | 30           |          |
| Bromobenzene                                      | 11.0   |                                       | "     | 10.0           | ND                | 110  | 72-122                          |      | 1.47  | 30           |          |
| Bromochloromethane                                | 9.37   |                                       | "     | 10.0           | ND                | 93.7 | 75-121                          |      | 7.07  | 30           |          |
| Bromodichloromethane                              | 9.24   |                                       | "     | 10.0           | ND                | 92.4 | 70-129                          |      | 4.42  | 30           |          |
| Bromoform                                         | 8.56   |                                       | "     | 10.0           | ND                | 85.6 | 66-136                          |      | 5.65  | 30           |          |
| Bromomethane                                      | 11.7   |                                       | "     | 10.0           | ND                | 117  | 30-158                          |      | 5.18  | 30           |          |
| Carbon tetrachloride                              | 9.06   |                                       | "     | 10.0           | ND                | 90.6 | 71-146                          |      | 2.91  | 30           |          |
| Chlorobenzene                                     | 8.82   |                                       | "     | 10.0           | ND                | 88.2 | 81-117                          |      | 3.70  | 30           |          |
| Chloroethane                                      | 10.9   |                                       | "     | 10.0           | ND                | 109  | 51-145                          |      | 3.27  | 30           |          |
| Chloroform                                        | 8.76   |                                       | "     | 10.0           | ND                | 87.6 | 80-124                          |      | 4.08  | 30           |          |
| Chloromethane                                     | 10.4   |                                       | "     | 10.0           | ND                | 104  | 16-163                          |      | 5.11  | 30           |          |
| cis-1,2-Dichloroethylene                          | 9.10   |                                       | "     | 10.0           | ND                | 91.0 | 76-125                          |      | 4.95  | 30           |          |
| cis-1,3-Dichloropropylene                         | 8.90   |                                       | "     | 10.0           | ND                | 89.0 | 58-131                          |      | 5.07  | 30           |          |
| Dibromochloromethane                              | 8.93   |                                       | "     | 10.0           | ND                | 89.3 | 71-129                          |      | 3.76  | 30           |          |
| Dibromomethane                                    | 9.10   |                                       | "     | 10.0           | ND                | 91.0 | 76-120                          |      | 4.15  | 30           |          |
| Dichlorodifluoromethane                           | 11.9   |                                       | "     | 10.0           | ND                | 119  | 30-147                          |      | 2.74  | 30           |          |
| Ethyl Benzene                                     | 9.22   |                                       | "     | 10.0           | ND                | 92.2 | 72-128                          |      | 5.00  | 30           |          |
| Hexachlorobutadiene                               | 8.40   |                                       | "     | 10.0           | ND                | 84.0 | 34-166                          |      | 9.85  | 30           |          |
| Isopropylbenzene                                  | 9.38   |                                       | "     | 10.0           | ND                | 93.8 | 66-139                          |      | 3.47  | 30           |          |
| Methyl tert-butyl ether (MTBE)                    | 8.67   |                                       | "     | 10.0           | ND                | 86.7 | 75-128                          |      | 5.69  | 30           |          |
| Methylene chloride                                | 7.93   |                                       | "     | 10.0           | ND                | 79.3 | 57-128                          |      | 8.14  | 30           |          |
| Naphthalene                                       | 12.1   |                                       | "     | 10.0           | ND                | 121  | 39-158                          |      | 4.99  | 30           |          |
| n-Butylbenzene                                    | 6.73   |                                       | "     | 10.0           | ND                | 67.3 | 61-138                          |      | 1.91  | 30           |          |
| n-Propylbenzene                                   | 9.13   |                                       | "     | 10.0           | ND                | 91.3 | 66-134                          |      | 1.88  | 30           |          |
| o-Xylene                                          | 8.63   |                                       | "     | 10.0           | ND                | 86.3 | 69-126                          |      | 4.50  | 30           |          |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71210 - EPA 5030B

| Matrix Spike Dup (BI71210-MSD1)  |      | *Source sample: 1710797-02 (MW-98-04) |      |      |       | Prepared & Analyzed: 09/27/2017 |        |  |       |    |  |
|----------------------------------|------|---------------------------------------|------|------|-------|---------------------------------|--------|--|-------|----|--|
| p- & m- Xylenes                  | 19.0 |                                       | ug/L | 20.0 | ND    | 95.2                            | 67-130 |  | 4.29  | 30 |  |
| p-Isopropyltoluene               | 7.47 |                                       | "    | 10.0 | ND    | 74.7                            | 64-137 |  | 0.401 | 30 |  |
| sec-Butylbenzene                 | 7.91 |                                       | "    | 10.0 | ND    | 79.1                            | 53-155 |  | 0.379 | 30 |  |
| Styrene                          | 7.78 |                                       | "    | 10.0 | ND    | 77.8                            | 69-125 |  | 4.60  | 30 |  |
| tert-Butylbenzene                | 8.21 |                                       | "    | 10.0 | ND    | 82.1                            | 65-139 |  | 1.10  | 30 |  |
| Tetrachloroethylene              | 9.23 |                                       | "    | 10.0 | 0.820 | 84.1                            | 64-139 |  | 4.87  | 30 |  |
| Toluene                          | 9.53 |                                       | "    | 10.0 | ND    | 95.3                            | 76-123 |  | 4.73  | 30 |  |
| trans-1,2-Dichloroethylene       | 9.19 |                                       | "    | 10.0 | ND    | 91.9                            | 79-131 |  | 4.79  | 30 |  |
| trans-1,3-Dichloropropylene      | 8.87 |                                       | "    | 10.0 | ND    | 88.7                            | 55-130 |  | 6.16  | 30 |  |
| Trichloroethylene                | 9.46 |                                       | "    | 10.0 | ND    | 94.6                            | 53-145 |  | 3.11  | 30 |  |
| Trichlorofluoromethane           | 11.1 |                                       | "    | 10.0 | ND    | 111                             | 61-142 |  | 2.92  | 30 |  |
| Vinyl Chloride                   | 11.3 |                                       | "    | 10.0 | ND    | 113                             | 31-165 |  | 4.15  | 30 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.19 |                                       | "    | 10.0 |       | 91.9                            | 69-130 |  |       |    |  |
| Surrogate: Toluene-d8            | 10.4 |                                       | "    | 10.0 |       | 104                             | 81-117 |  |       |    |  |
| Surrogate: p-Bromofluorobenzene  | 10.7 |                                       | "    | 10.0 |       | 107                             | 79-122 |  |       |    |  |

#### Batch BI71242 - EPA 5030B

| Blank (BI71242-BLK1)                              |    | Prepared & Analyzed: 09/27/2017 |      |  |  |  |  |  |  |  |  |
|---------------------------------------------------|----|---------------------------------|------|--|--|--|--|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | ND | 0.50                            | ug/L |  |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane                             | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane                             | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethane                                | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1-Dichloroethylene                              | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,1-Dichloropropylene                             | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane                            | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2-Dibromoethane                                 | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2-Dichloroethane                                | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,2-Dichloropropane                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,3-Dichloropropane                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 2,2-Dichloropropane                               | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 2-Chlorotoluene                                   | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 2-Hexanone                                        | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| 4-Chlorotoluene                                   | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Acetone                                           | ND | 2.0                             | "    |  |  |  |  |  |  |  |  |
| Benzene                                           | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Bromobenzene                                      | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Bromochloromethane                                | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Bromodichloromethane                              | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Bromoform                                         | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |
| Bromomethane                                      | ND | 0.50                            | "    |  |  |  |  |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71242 - EPA 5030B

##### Blank (BI71242-BLK1)

Prepared & Analyzed: 09/27/2017

|                                  |      |      |      |      |  |      |        |  |  |  |  |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| Carbon tetrachloride             | ND   | 0.50 | ug/L |      |  |      |        |  |  |  |  |
| Chlorobenzene                    | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Chloroethane                     | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Chloroform                       | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Chloromethane                    | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| cis-1,2-Dichloroethylene         | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| cis-1,3-Dichloropropylene        | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Dibromochloromethane             | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Dibromomethane                   | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Dichlorodifluoromethane          | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Ethyl Benzene                    | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Hexachlorobutadiene              | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Isopropylbenzene                 | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)   | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Methylene chloride               | ND   | 2.0  | "    |      |  |      |        |  |  |  |  |
| Naphthalene                      | ND   | 2.0  | "    |      |  |      |        |  |  |  |  |
| n-Butylbenzene                   | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| n-Propylbenzene                  | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| o-Xylene                         | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| p- & m- Xylenes                  | ND   | 1.0  | "    |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene               | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                 | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Styrene                          | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene              | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Toluene                          | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene       | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene      | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane           | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                   | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                   | ND   | 1.5  | "    |      |  |      |        |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.09 |      | "    | 10.0 |  | 90.9 | 69-130 |  |  |  |  |
| Surrogate: Toluene-d8            | 10.4 |      | "    | 10.0 |  | 104  | 81-117 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 11.9 |      | "    | 10.0 |  | 119  | 79-122 |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag     | RPD | RPD<br>Limit | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|----------|-----|--------------|------|
| <b>Batch BI71242 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |          |     |              |      |
| <b>LCS (BI71242-BS1)</b>                          |        |                    |       |                |                   | Prepared & Analyzed: 09/27/2017 |                |          |     |              |      |
| 1,1,1,2-Tetrachloroethane                         | 8.17   |                    | ug/L  | 10.0           |                   | 81.7                            | 82-126         | Low Bias |     |              |      |
| 1,1,1-Trichloroethane                             | 8.48   |                    | "     | 10.0           |                   | 84.8                            | 78-136         |          |     |              |      |
| 1,1,2,2-Tetrachloroethane                         | 9.81   |                    | "     | 10.0           |                   | 98.1                            | 76-129         |          |     |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.95   |                    | "     | 10.0           |                   | 89.5                            | 54-165         |          |     |              |      |
| 1,1,2-Trichloroethane                             | 8.91   |                    | "     | 10.0           |                   | 89.1                            | 82-123         |          |     |              |      |
| 1,1-Dichloroethane                                | 8.73   |                    | "     | 10.0           |                   | 87.3                            | 82-129         |          |     |              |      |
| 1,1-Dichloroethylene                              | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 68-138         |          |     |              |      |
| 1,1-Dichloropropylene                             | 8.64   |                    | "     | 10.0           |                   | 86.4                            | 83-133         |          |     |              |      |
| 1,2,3-Trichlorobenzene                            | 10.8   |                    | "     | 10.0           |                   | 108                             | 76-136         |          |     |              |      |
| 1,2,3-Trichloropropane                            | 10.1   |                    | "     | 10.0           |                   | 101                             | 77-128         |          |     |              |      |
| 1,2,4-Trichlorobenzene                            | 9.50   |                    | "     | 10.0           |                   | 95.0                            | 76-137         |          |     |              |      |
| 1,2,4-Trimethylbenzene                            | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 82-132         |          |     |              |      |
| 1,2-Dibromo-3-chloropropane                       | 10.6   |                    | "     | 10.0           |                   | 106                             | 45-147         |          |     |              |      |
| 1,2-Dibromoethane                                 | 9.13   |                    | "     | 10.0           |                   | 91.3                            | 83-124         |          |     |              |      |
| 1,2-Dichlorobenzene                               | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 79-123         |          |     |              |      |
| 1,2-Dichloroethane                                | 8.54   |                    | "     | 10.0           |                   | 85.4                            | 73-132         |          |     |              |      |
| 1,2-Dichloropropane                               | 9.30   |                    | "     | 10.0           |                   | 93.0                            | 78-126         |          |     |              |      |
| 1,3,5-Trimethylbenzene                            | 9.95   |                    | "     | 10.0           |                   | 99.5                            | 80-131         |          |     |              |      |
| 1,3-Dichlorobenzene                               | 9.08   |                    | "     | 10.0           |                   | 90.8                            | 86-122         |          |     |              |      |
| 1,3-Dichloropropane                               | 9.40   |                    | "     | 10.0           |                   | 94.0                            | 81-125         |          |     |              |      |
| 1,4-Dichlorobenzene                               | 9.16   |                    | "     | 10.0           |                   | 91.6                            | 85-124         |          |     |              |      |
| 2,2-Dichloropropane                               | 6.53   |                    | "     | 10.0           |                   | 65.3                            | 56-150         |          |     |              |      |
| 2-Chlorotoluene                                   | 9.93   |                    | "     | 10.0           |                   | 99.3                            | 79-130         |          |     |              |      |
| 2-Hexanone                                        | 10.2   |                    | "     | 10.0           |                   | 102                             | 51-146         |          |     |              |      |
| 4-Chlorotoluene                                   | 9.94   |                    | "     | 10.0           |                   | 99.4                            | 79-128         |          |     |              |      |
| Acetone                                           | 8.38   |                    | "     | 10.0           |                   | 83.8                            | 14-150         |          |     |              |      |
| Benzene                                           | 9.07   |                    | "     | 10.0           |                   | 90.7                            | 85-126         |          |     |              |      |
| Bromobenzene                                      | 9.92   |                    | "     | 10.0           |                   | 99.2                            | 78-129         |          |     |              |      |
| Bromochloromethane                                | 9.72   |                    | "     | 10.0           |                   | 97.2                            | 77-128         |          |     |              |      |
| Bromodichloromethane                              | 9.14   |                    | "     | 10.0           |                   | 91.4                            | 79-128         |          |     |              |      |
| Bromoform                                         | 8.39   |                    | "     | 10.0           |                   | 83.9                            | 78-133         |          |     |              |      |
| Bromomethane                                      | 7.61   |                    | "     | 10.0           |                   | 76.1                            | 43-168         |          |     |              |      |
| Carbon tetrachloride                              | 8.23   |                    | "     | 10.0           |                   | 82.3                            | 77-141         |          |     |              |      |
| Chlorobenzene                                     | 8.78   |                    | "     | 10.0           |                   | 87.8                            | 88-120         | Low Bias |     |              |      |
| Chloroethane                                      | 9.48   |                    | "     | 10.0           |                   | 94.8                            | 65-136         |          |     |              |      |
| Chloroform                                        | 8.82   |                    | "     | 10.0           |                   | 88.2                            | 82-128         |          |     |              |      |
| Chloromethane                                     | 8.57   |                    | "     | 10.0           |                   | 85.7                            | 43-155         |          |     |              |      |
| cis-1,2-Dichloroethylene                          | 8.72   |                    | "     | 10.0           |                   | 87.2                            | 83-129         |          |     |              |      |
| cis-1,3-Dichloropropylene                         | 8.80   |                    | "     | 10.0           |                   | 88.0                            | 80-131         |          |     |              |      |
| Dibromochloromethane                              | 8.81   |                    | "     | 10.0           |                   | 88.1                            | 80-130         |          |     |              |      |
| Dibromomethane                                    | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 72-134         |          |     |              |      |
| Dichlorodifluoromethane                           | 9.46   |                    | "     | 10.0           |                   | 94.6                            | 44-144         |          |     |              |      |
| Ethyl Benzene                                     | 9.26   |                    | "     | 10.0           |                   | 92.6                            | 80-131         |          |     |              |      |
| Hexachlorobutadiene                               | 8.04   |                    | "     | 10.0           |                   | 80.4                            | 67-146         |          |     |              |      |
| Isopropylbenzene                                  | 10.4   |                    | "     | 10.0           |                   | 104                             | 76-140         |          |     |              |      |
| Methyl tert-butyl ether (MTBE)                    | 8.60   |                    | "     | 10.0           |                   | 86.0                            | 76-135         |          |     |              |      |
| Methylene chloride                                | 8.45   |                    | "     | 10.0           |                   | 84.5                            | 55-137         |          |     |              |      |
| Naphthalene                                       | 11.0   |                    | "     | 10.0           |                   | 110                             | 70-147         |          |     |              |      |
| n-Butylbenzene                                    | 9.36   |                    | "     | 10.0           |                   | 93.6                            | 79-132         |          |     |              |      |
| n-Propylbenzene                                   | 10.6   |                    | "     | 10.0           |                   | 106                             | 78-133         |          |     |              |      |
| o-Xylene                                          | 8.83   |                    | "     | 10.0           |                   | 88.3                            | 78-130         |          |     |              |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71242 - EPA 5030B

##### LCS (BI71242-BS1)

Prepared & Analyzed: 09/27/2017

|                                  |      |  |      |      |  |      |        |  |  |  |  |
|----------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| p- & m- Xylenes                  | 19.4 |  | ug/L | 20.0 |  | 97.0 | 77-133 |  |  |  |  |
| p-Isopropyltoluene               | 9.51 |  | "    | 10.0 |  | 95.1 | 81-136 |  |  |  |  |
| sec-Butylbenzene                 | 10.1 |  | "    | 10.0 |  | 101  | 79-137 |  |  |  |  |
| Styrene                          | 8.52 |  | "    | 10.0 |  | 85.2 | 67-132 |  |  |  |  |
| tert-Butylbenzene                | 9.78 |  | "    | 10.0 |  | 97.8 | 77-138 |  |  |  |  |
| Tetrachloroethylene              | 9.08 |  | "    | 10.0 |  | 90.8 | 82-131 |  |  |  |  |
| Toluene                          | 9.27 |  | "    | 10.0 |  | 92.7 | 80-127 |  |  |  |  |
| trans-1,2-Dichloroethylene       | 8.75 |  | "    | 10.0 |  | 87.5 | 80-132 |  |  |  |  |
| trans-1,3-Dichloropropylene      | 8.68 |  | "    | 10.0 |  | 86.8 | 78-131 |  |  |  |  |
| Trichloroethylene                | 8.92 |  | "    | 10.0 |  | 89.2 | 82-128 |  |  |  |  |
| Trichlorofluoromethane           | 9.21 |  | "    | 10.0 |  | 92.1 | 67-139 |  |  |  |  |
| Vinyl Chloride                   | 9.20 |  | "    | 10.0 |  | 92.0 | 58-145 |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.09 |  | "    | 10.0 |  | 90.9 | 69-130 |  |  |  |  |
| Surrogate: Toluene-d8            | 10.3 |  | "    | 10.0 |  | 103  | 81-117 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 11.3 |  | "    | 10.0 |  | 113  | 79-122 |  |  |  |  |

##### LCS Dup (BI71242-BS1)

Prepared & Analyzed: 09/27/2017

|                                                   |      |  |      |      |  |      |        |  |       |    |  |
|---------------------------------------------------|------|--|------|------|--|------|--------|--|-------|----|--|
| 1,1,1,2-Tetrachloroethane                         | 8.47 |  | ug/L | 10.0 |  | 84.7 | 82-126 |  | 3.61  | 30 |  |
| 1,1,1-Trichloroethane                             | 8.62 |  | "    | 10.0 |  | 86.2 | 78-136 |  | 1.64  | 30 |  |
| 1,1,2,2-Tetrachloroethane                         | 10.2 |  | "    | 10.0 |  | 102  | 76-129 |  | 3.90  | 30 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.16 |  | "    | 10.0 |  | 91.6 | 54-165 |  | 2.32  | 30 |  |
| 1,1,2-Trichloroethane                             | 9.48 |  | "    | 10.0 |  | 94.8 | 82-123 |  | 6.20  | 30 |  |
| 1,1-Dichloroethane                                | 8.93 |  | "    | 10.0 |  | 89.3 | 82-129 |  | 2.27  | 30 |  |
| 1,1-Dichloroethylene                              | 9.41 |  | "    | 10.0 |  | 94.1 | 68-138 |  | 1.50  | 30 |  |
| 1,1-Dichloropropylene                             | 8.70 |  | "    | 10.0 |  | 87.0 | 83-133 |  | 0.692 | 30 |  |
| 1,2,3-Trichlorobenzene                            | 11.5 |  | "    | 10.0 |  | 115  | 76-136 |  | 6.37  | 30 |  |
| 1,2,3-Trichloropropane                            | 10.3 |  | "    | 10.0 |  | 103  | 77-128 |  | 2.06  | 30 |  |
| 1,2,4-Trichlorobenzene                            | 10.1 |  | "    | 10.0 |  | 101  | 76-137 |  | 5.83  | 30 |  |
| 1,2,4-Trimethylbenzene                            | 10.3 |  | "    | 10.0 |  | 103  | 82-132 |  | 5.90  | 30 |  |
| 1,2-Dibromo-3-chloropropane                       | 10.8 |  | "    | 10.0 |  | 108  | 45-147 |  | 1.31  | 30 |  |
| 1,2-Dibromoethane                                 | 9.40 |  | "    | 10.0 |  | 94.0 | 83-124 |  | 2.91  | 30 |  |
| 1,2-Dichlorobenzene                               | 9.73 |  | "    | 10.0 |  | 97.3 | 79-123 |  | 4.84  | 30 |  |
| 1,2-Dichloroethane                                | 8.74 |  | "    | 10.0 |  | 87.4 | 73-132 |  | 2.31  | 30 |  |
| 1,2-Dichloropropane                               | 9.53 |  | "    | 10.0 |  | 95.3 | 78-126 |  | 2.44  | 30 |  |
| 1,3,5-Trimethylbenzene                            | 10.5 |  | "    | 10.0 |  | 105  | 80-131 |  | 5.19  | 30 |  |
| 1,3-Dichlorobenzene                               | 9.62 |  | "    | 10.0 |  | 96.2 | 86-122 |  | 5.78  | 30 |  |
| 1,3-Dichloropropane                               | 9.62 |  | "    | 10.0 |  | 96.2 | 81-125 |  | 2.31  | 30 |  |
| 1,4-Dichlorobenzene                               | 9.51 |  | "    | 10.0 |  | 95.1 | 85-124 |  | 3.75  | 30 |  |
| 2,2-Dichloropropane                               | 6.48 |  | "    | 10.0 |  | 64.8 | 56-150 |  | 0.769 | 30 |  |
| 2-Chlorotoluene                                   | 10.5 |  | "    | 10.0 |  | 105  | 79-130 |  | 5.39  | 30 |  |
| 2-Hexanone                                        | 10.3 |  | "    | 10.0 |  | 103  | 51-146 |  | 1.56  | 30 |  |
| 4-Chlorotoluene                                   | 10.4 |  | "    | 10.0 |  | 104  | 79-128 |  | 4.62  | 30 |  |
| Acetone                                           | 8.36 |  | "    | 10.0 |  | 83.6 | 14-150 |  | 0.239 | 30 |  |
| Benzene                                           | 9.23 |  | "    | 10.0 |  | 92.3 | 85-126 |  | 1.75  | 30 |  |
| Bromobenzene                                      | 10.4 |  | "    | 10.0 |  | 104  | 78-129 |  | 5.11  | 30 |  |
| Bromochloromethane                                | 10.0 |  | "    | 10.0 |  | 100  | 77-128 |  | 3.04  | 30 |  |
| Bromodichloromethane                              | 9.51 |  | "    | 10.0 |  | 95.1 | 79-128 |  | 3.97  | 30 |  |
| Bromoform                                         | 8.69 |  | "    | 10.0 |  | 86.9 | 78-133 |  | 3.51  | 30 |  |
| Bromomethane                                      | 8.33 |  | "    | 10.0 |  | 83.3 | 43-168 |  | 9.03  | 30 |  |
| Carbon tetrachloride                              | 8.45 |  | "    | 10.0 |  | 84.5 | 77-141 |  | 2.64  | 30 |  |
| Chlorobenzene                                     | 9.05 |  | "    | 10.0 |  | 90.5 | 88-120 |  | 3.03  | 30 |  |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71242 - EPA 5030B

#### LCS Dup (BI71242-BSD1)

Prepared & Analyzed: 09/27/2017

|                                  |      |  |      |      |  |      |        |  |       |    |  |
|----------------------------------|------|--|------|------|--|------|--------|--|-------|----|--|
| Chloroethane                     | 9.56 |  | ug/L | 10.0 |  | 95.6 | 65-136 |  | 0.840 | 30 |  |
| Chloroform                       | 9.10 |  | "    | 10.0 |  | 91.0 | 82-128 |  | 3.13  | 30 |  |
| Chloromethane                    | 8.86 |  | "    | 10.0 |  | 88.6 | 43-155 |  | 3.33  | 30 |  |
| cis-1,2-Dichloroethylene         | 8.78 |  | "    | 10.0 |  | 87.8 | 83-129 |  | 0.686 | 30 |  |
| cis-1,3-Dichloropropylene        | 8.76 |  | "    | 10.0 |  | 87.6 | 80-131 |  | 0.456 | 30 |  |
| Dibromochloromethane             | 9.05 |  | "    | 10.0 |  | 90.5 | 80-130 |  | 2.69  | 30 |  |
| Dibromomethane                   | 9.42 |  | "    | 10.0 |  | 94.2 | 72-134 |  | 3.35  | 30 |  |
| Dichlorodifluoromethane          | 9.52 |  | "    | 10.0 |  | 95.2 | 44-144 |  | 0.632 | 30 |  |
| Ethyl Benzene                    | 9.52 |  | "    | 10.0 |  | 95.2 | 80-131 |  | 2.77  | 30 |  |
| Hexachlorobutadiene              | 8.94 |  | "    | 10.0 |  | 89.4 | 67-146 |  | 10.6  | 30 |  |
| Isopropylbenzene                 | 10.9 |  | "    | 10.0 |  | 109  | 76-140 |  | 4.40  | 30 |  |
| Methyl tert-butyl ether (MTBE)   | 8.82 |  | "    | 10.0 |  | 88.2 | 76-135 |  | 2.53  | 30 |  |
| Methylene chloride               | 8.57 |  | "    | 10.0 |  | 85.7 | 55-137 |  | 1.41  | 30 |  |
| Naphthalene                      | 11.5 |  | "    | 10.0 |  | 115  | 70-147 |  | 4.27  | 30 |  |
| n-Butylbenzene                   | 10.1 |  | "    | 10.0 |  | 101  | 79-132 |  | 7.31  | 30 |  |
| n-Propylbenzene                  | 11.1 |  | "    | 10.0 |  | 111  | 78-133 |  | 4.42  | 30 |  |
| o-Xylene                         | 9.13 |  | "    | 10.0 |  | 91.3 | 78-130 |  | 3.34  | 30 |  |
| p- & m- Xylenes                  | 19.9 |  | "    | 20.0 |  | 99.5 | 77-133 |  | 2.54  | 30 |  |
| p-Isopropyltoluene               | 10.2 |  | "    | 10.0 |  | 102  | 81-136 |  | 6.61  | 30 |  |
| sec-Butylbenzene                 | 10.8 |  | "    | 10.0 |  | 108  | 79-137 |  | 6.32  | 30 |  |
| Styrene                          | 8.78 |  | "    | 10.0 |  | 87.8 | 67-132 |  | 3.01  | 30 |  |
| tert-Butylbenzene                | 10.4 |  | "    | 10.0 |  | 104  | 77-138 |  | 5.86  | 30 |  |
| Tetrachloroethylene              | 9.41 |  | "    | 10.0 |  | 94.1 | 82-131 |  | 3.57  | 30 |  |
| Toluene                          | 9.59 |  | "    | 10.0 |  | 95.9 | 80-127 |  | 3.39  | 30 |  |
| trans-1,2-Dichloroethylene       | 8.86 |  | "    | 10.0 |  | 88.6 | 80-132 |  | 1.25  | 30 |  |
| trans-1,3-Dichloropropylene      | 8.95 |  | "    | 10.0 |  | 89.5 | 78-131 |  | 3.06  | 30 |  |
| Trichloroethylene                | 9.05 |  | "    | 10.0 |  | 90.5 | 82-128 |  | 1.45  | 30 |  |
| Trichlorofluoromethane           | 9.32 |  | "    | 10.0 |  | 93.2 | 67-139 |  | 1.19  | 30 |  |
| Vinyl Chloride                   | 9.35 |  | "    | 10.0 |  | 93.5 | 58-145 |  | 1.62  | 30 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.02 |  | "    | 10.0 |  | 90.2 | 69-130 |  |       |    |  |
| Surrogate: Toluene-d8            | 10.4 |  | "    | 10.0 |  | 104  | 81-117 |  |       |    |  |
| Surrogate: p-Bromofluorobenzene  | 11.5 |  | "    | 10.0 |  | 115  | 79-122 |  |       |    |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result                                     | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits                             | Flag | RPD | RPD<br>Limit | Flag |
|---------------------------------------------------|--------------------------------------------|--------------------|-------|----------------|-------------------|------|--------------------------------------------|------|-----|--------------|------|
| <b>Batch BI71242 - EPA 5030B</b>                  |                                            |                    |       |                |                   |      |                                            |      |     |              |      |
| <b>Matrix Spike (BI71242-MS1)</b>                 | <b>*Source sample: 17I0797-17 (MW-58A)</b> |                    |       |                |                   |      | <b>Prepared &amp; Analyzed: 09/27/2017</b> |      |     |              |      |
| 1,1,1,2-Tetrachloroethane                         | 8.48                                       |                    | ug/L  | 10.0           | ND                | 84.8 | 45-161                                     |      |     |              |      |
| 1,1,1-Trichloroethane                             | 8.65                                       |                    | "     | 10.0           | ND                | 86.5 | 70-146                                     |      |     |              |      |
| 1,1,2,2-Tetrachloroethane                         | 10.0                                       |                    | "     | 10.0           | ND                | 100  | 74-121                                     |      |     |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 7.14                                       |                    | "     | 10.0           | ND                | 71.4 | 21-217                                     |      |     |              |      |
| 1,1,2-Trichloroethane                             | 9.24                                       |                    | "     | 10.0           | ND                | 92.4 | 59-146                                     |      |     |              |      |
| 1,1-Dichloroethane                                | 8.59                                       |                    | "     | 10.0           | ND                | 85.9 | 54-146                                     |      |     |              |      |
| 1,1-Dichloroethylene                              | 8.73                                       |                    | "     | 10.0           | ND                | 87.3 | 44-165                                     |      |     |              |      |
| 1,1-Dichloropropylene                             | 8.32                                       |                    | "     | 10.0           | ND                | 83.2 | 82-134                                     |      |     |              |      |
| 1,2,3-Trichlorobenzene                            | 9.18                                       |                    | "     | 10.0           | ND                | 91.8 | 40-161                                     |      |     |              |      |
| 1,2,3-Trichloropropane                            | 9.80                                       |                    | "     | 10.0           | ND                | 98.0 | 74-127                                     |      |     |              |      |
| 1,2,4-Trichlorobenzene                            | 8.02                                       |                    | "     | 10.0           | ND                | 80.2 | 41-161                                     |      |     |              |      |
| 1,2,4-Trimethylbenzene                            | 9.23                                       |                    | "     | 10.0           | ND                | 92.3 | 72-129                                     |      |     |              |      |
| 1,2-Dibromo-3-chloropropane                       | 9.86                                       |                    | "     | 10.0           | ND                | 98.6 | 31-151                                     |      |     |              |      |
| 1,2-Dibromoethane                                 | 9.16                                       |                    | "     | 10.0           | ND                | 91.6 | 75-125                                     |      |     |              |      |
| 1,2-Dichlorobenzene                               | 9.14                                       |                    | "     | 10.0           | ND                | 91.4 | 63-122                                     |      |     |              |      |
| 1,2-Dichloroethane                                | 8.22                                       |                    | "     | 10.0           | ND                | 82.2 | 68-131                                     |      |     |              |      |
| 1,2-Dichloropropane                               | 9.29                                       |                    | "     | 10.0           | ND                | 92.9 | 77-121                                     |      |     |              |      |
| 1,3,5-Trimethylbenzene                            | 9.41                                       |                    | "     | 10.0           | ND                | 94.1 | 69-126                                     |      |     |              |      |
| 1,3-Dichlorobenzene                               | 9.42                                       |                    | "     | 10.0           | 0.790             | 86.3 | 74-119                                     |      |     |              |      |
| 1,3-Dichloropropane                               | 9.42                                       |                    | "     | 10.0           | ND                | 94.2 | 77-119                                     |      |     |              |      |
| 1,4-Dichlorobenzene                               | 8.33                                       |                    | "     | 10.0           | ND                | 83.3 | 70-124                                     |      |     |              |      |
| 2,2-Dichloropropane                               | 6.87                                       |                    | "     | 10.0           | ND                | 68.7 | 10-160                                     |      |     |              |      |
| 2-Chlorotoluene                                   | 9.60                                       |                    | "     | 10.0           | ND                | 96.0 | 70-126                                     |      |     |              |      |
| 2-Hexanone                                        | 9.61                                       |                    | "     | 10.0           | ND                | 96.1 | 53-133                                     |      |     |              |      |
| 4-Chlorotoluene                                   | 9.41                                       |                    | "     | 10.0           | ND                | 94.1 | 69-124                                     |      |     |              |      |
| Acetone                                           | 7.59                                       |                    | "     | 10.0           | 0.600             | 69.9 | 13-149                                     |      |     |              |      |
| Benzene                                           | 8.92                                       |                    | "     | 10.0           | ND                | 89.2 | 38-155                                     |      |     |              |      |
| Bromobenzene                                      | 9.90                                       |                    | "     | 10.0           | ND                | 99.0 | 72-122                                     |      |     |              |      |
| Bromochloromethane                                | 9.48                                       |                    | "     | 10.0           | ND                | 94.8 | 75-121                                     |      |     |              |      |
| Bromodichloromethane                              | 9.25                                       |                    | "     | 10.0           | ND                | 92.5 | 70-129                                     |      |     |              |      |
| Bromoform                                         | 8.21                                       |                    | "     | 10.0           | ND                | 82.1 | 66-136                                     |      |     |              |      |
| Bromomethane                                      | 6.51                                       |                    | "     | 10.0           | ND                | 65.1 | 30-158                                     |      |     |              |      |
| Carbon tetrachloride                              | 8.20                                       |                    | "     | 10.0           | ND                | 82.0 | 71-146                                     |      |     |              |      |
| Chlorobenzene                                     | 8.71                                       |                    | "     | 10.0           | ND                | 87.1 | 81-117                                     |      |     |              |      |
| Chloroethane                                      | 7.93                                       |                    | "     | 10.0           | ND                | 79.3 | 51-145                                     |      |     |              |      |
| Chloroform                                        | 8.77                                       |                    | "     | 10.0           | ND                | 87.7 | 80-124                                     |      |     |              |      |
| Chloromethane                                     | 6.14                                       |                    | "     | 10.0           | ND                | 61.4 | 16-163                                     |      |     |              |      |
| cis-1,2-Dichloroethylene                          | 8.58                                       |                    | "     | 10.0           | ND                | 85.8 | 76-125                                     |      |     |              |      |
| cis-1,3-Dichloropropylene                         | 8.63                                       |                    | "     | 10.0           | ND                | 86.3 | 58-131                                     |      |     |              |      |
| Dibromochloromethane                              | 8.83                                       |                    | "     | 10.0           | ND                | 88.3 | 71-129                                     |      |     |              |      |
| Dibromomethane                                    | 8.94                                       |                    | "     | 10.0           | ND                | 89.4 | 76-120                                     |      |     |              |      |
| Dichlorodifluoromethane                           | 4.31                                       |                    | "     | 10.0           | ND                | 43.1 | 30-147                                     |      |     |              |      |
| Ethyl Benzene                                     | 9.21                                       |                    | "     | 10.0           | ND                | 92.1 | 72-128                                     |      |     |              |      |
| Hexachlorobutadiene                               | 6.48                                       |                    | "     | 10.0           | ND                | 64.8 | 34-166                                     |      |     |              |      |
| Isopropylbenzene                                  | 10.2                                       |                    | "     | 10.0           | ND                | 102  | 66-139                                     |      |     |              |      |
| Methyl tert-butyl ether (MTBE)                    | 8.17                                       |                    | "     | 10.0           | ND                | 81.7 | 75-128                                     |      |     |              |      |
| Methylene chloride                                | 7.62                                       |                    | "     | 10.0           | ND                | 76.2 | 57-128                                     |      |     |              |      |
| Naphthalene                                       | 9.92                                       |                    | "     | 10.0           | ND                | 99.2 | 39-158                                     |      |     |              |      |
| n-Butylbenzene                                    | 8.13                                       |                    | "     | 10.0           | ND                | 81.3 | 61-138                                     |      |     |              |      |
| n-Propylbenzene                                   | 9.93                                       |                    | "     | 10.0           | ND                | 99.3 | 66-134                                     |      |     |              |      |
| o-Xylene                                          | 8.81                                       |                    | "     | 10.0           | ND                | 88.1 | 69-126                                     |      |     |              |      |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71242 - EPA 5030B

| Matrix Spike (BI71242-MS1)       |      | *Source sample: 1710797-17 (MW-58A) |      |      |       |      | Prepared & Analyzed: 09/27/2017 |  |  |  |  |
|----------------------------------|------|-------------------------------------|------|------|-------|------|---------------------------------|--|--|--|--|
| p- & m- Xylenes                  | 18.9 |                                     | ug/L | 20.0 | ND    | 94.3 | 67-130                          |  |  |  |  |
| p-Isopropyltoluene               | 8.71 |                                     | "    | 10.0 | ND    | 87.1 | 64-137                          |  |  |  |  |
| sec-Butylbenzene                 | 9.53 |                                     | "    | 10.0 | ND    | 95.3 | 53-155                          |  |  |  |  |
| Styrene                          | 8.45 |                                     | "    | 10.0 | ND    | 84.5 | 69-125                          |  |  |  |  |
| tert-Butylbenzene                | 9.70 |                                     | "    | 10.0 | ND    | 97.0 | 65-139                          |  |  |  |  |
| Tetrachloroethylene              | 7.75 |                                     | "    | 10.0 | 0.230 | 75.2 | 64-139                          |  |  |  |  |
| Toluene                          | 9.29 |                                     | "    | 10.0 | ND    | 92.9 | 76-123                          |  |  |  |  |
| trans-1,2-Dichloroethylene       | 8.36 |                                     | "    | 10.0 | ND    | 83.6 | 79-131                          |  |  |  |  |
| trans-1,3-Dichloropropylene      | 8.75 |                                     | "    | 10.0 | ND    | 87.5 | 55-130                          |  |  |  |  |
| Trichloroethylene                | 8.82 |                                     | "    | 10.0 | ND    | 88.2 | 53-145                          |  |  |  |  |
| Trichlorofluoromethane           | 7.83 |                                     | "    | 10.0 | ND    | 78.3 | 61-142                          |  |  |  |  |
| Vinyl Chloride                   | 7.10 |                                     | "    | 10.0 | ND    | 71.0 | 31-165                          |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 8.84 |                                     | "    | 10.0 |       | 88.4 | 69-130                          |  |  |  |  |
| Surrogate: Toluene-d8            | 10.5 |                                     | "    | 10.0 |       | 105  | 81-117                          |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 11.2 |                                     | "    | 10.0 |       | 112  | 79-122                          |  |  |  |  |

| Matrix Spike Dup (BI71242-MSD1)                   |      | *Source sample: 1710797-17 (MW-58A) |      |      |       |      | Prepared & Analyzed: 09/27/2017 |          |       |    |  |
|---------------------------------------------------|------|-------------------------------------|------|------|-------|------|---------------------------------|----------|-------|----|--|
| 1,1,1,2-Tetrachloroethane                         | 8.23 |                                     | ug/L | 10.0 | ND    | 82.3 | 45-161                          |          | 2.99  | 30 |  |
| 1,1,1-Trichloroethane                             | 8.41 |                                     | "    | 10.0 | ND    | 84.1 | 70-146                          |          | 2.81  | 30 |  |
| 1,1,2,2-Tetrachloroethane                         | 9.83 |                                     | "    | 10.0 | ND    | 98.3 | 74-121                          |          | 2.21  | 30 |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 6.66 |                                     | "    | 10.0 | ND    | 66.6 | 21-217                          |          | 6.96  | 30 |  |
| 1,1,2-Trichloroethane                             | 8.87 |                                     | "    | 10.0 | ND    | 88.7 | 59-146                          |          | 4.09  | 30 |  |
| 1,1-Dichloroethane                                | 8.46 |                                     | "    | 10.0 | ND    | 84.6 | 54-146                          |          | 1.52  | 30 |  |
| 1,1-Dichloroethylene                              | 8.48 |                                     | "    | 10.0 | ND    | 84.8 | 44-165                          |          | 2.91  | 30 |  |
| 1,1-Dichloropropylene                             | 8.10 |                                     | "    | 10.0 | ND    | 81.0 | 82-134                          | Low Bias | 2.68  | 30 |  |
| 1,2,3-Trichlorobenzene                            | 8.74 |                                     | "    | 10.0 | ND    | 87.4 | 40-161                          |          | 4.91  | 30 |  |
| 1,2,3-Trichloropropane                            | 9.81 |                                     | "    | 10.0 | ND    | 98.1 | 74-127                          |          | 0.102 | 30 |  |
| 1,2,4-Trichlorobenzene                            | 7.81 |                                     | "    | 10.0 | ND    | 78.1 | 41-161                          |          | 2.65  | 30 |  |
| 1,2,4-Trimethylbenzene                            | 9.17 |                                     | "    | 10.0 | ND    | 91.7 | 72-129                          |          | 0.652 | 30 |  |
| 1,2-Dibromo-3-chloropropane                       | 9.93 |                                     | "    | 10.0 | ND    | 99.3 | 31-151                          |          | 0.707 | 30 |  |
| 1,2-Dibromoethane                                 | 8.78 |                                     | "    | 10.0 | ND    | 87.8 | 75-125                          |          | 4.24  | 30 |  |
| 1,2-Dichlorobenzene                               | 8.90 |                                     | "    | 10.0 | ND    | 89.0 | 63-122                          |          | 2.66  | 30 |  |
| 1,2-Dichloroethane                                | 7.91 |                                     | "    | 10.0 | ND    | 79.1 | 68-131                          |          | 3.84  | 30 |  |
| 1,2-Dichloropropane                               | 9.15 |                                     | "    | 10.0 | ND    | 91.5 | 77-121                          |          | 1.52  | 30 |  |
| 1,3,5-Trimethylbenzene                            | 9.35 |                                     | "    | 10.0 | ND    | 93.5 | 69-126                          |          | 0.640 | 30 |  |
| 1,3-Dichlorobenzene                               | 9.29 |                                     | "    | 10.0 | 0.790 | 85.0 | 74-119                          |          | 1.52  | 30 |  |
| 1,3-Dichloropropane                               | 9.10 |                                     | "    | 10.0 | ND    | 91.0 | 77-119                          |          | 3.46  | 30 |  |
| 1,4-Dichlorobenzene                               | 9.68 |                                     | "    | 10.0 | ND    | 96.8 | 70-124                          |          | 15.0  | 30 |  |
| 2,2-Dichloropropane                               | 6.64 |                                     | "    | 10.0 | ND    | 66.4 | 10-160                          |          | 3.40  | 30 |  |
| 2-Chlorotoluene                                   | 9.55 |                                     | "    | 10.0 | ND    | 95.5 | 70-126                          |          | 0.522 | 30 |  |
| 2-Hexanone                                        | 9.33 |                                     | "    | 10.0 | ND    | 93.3 | 53-133                          |          | 2.96  | 30 |  |
| 4-Chlorotoluene                                   | 9.40 |                                     | "    | 10.0 | ND    | 94.0 | 69-124                          |          | 0.106 | 30 |  |
| Acetone                                           | 7.63 |                                     | "    | 10.0 | 0.600 | 70.3 | 13-149                          |          | 0.571 | 30 |  |
| Benzene                                           | 8.71 |                                     | "    | 10.0 | ND    | 87.1 | 38-155                          |          | 2.38  | 30 |  |
| Bromobenzene                                      | 9.82 |                                     | "    | 10.0 | ND    | 98.2 | 72-122                          |          | 0.811 | 30 |  |
| Bromochloromethane                                | 9.16 |                                     | "    | 10.0 | ND    | 91.6 | 75-121                          |          | 3.43  | 30 |  |
| Bromodichloromethane                              | 9.10 |                                     | "    | 10.0 | ND    | 91.0 | 70-129                          |          | 1.63  | 30 |  |
| Bromoform                                         | 8.01 |                                     | "    | 10.0 | ND    | 80.1 | 66-136                          |          | 2.47  | 30 |  |
| Bromomethane                                      | 7.06 |                                     | "    | 10.0 | ND    | 70.6 | 30-158                          |          | 8.11  | 30 |  |
| Carbon tetrachloride                              | 8.09 |                                     | "    | 10.0 | ND    | 80.9 | 71-146                          |          | 1.35  | 30 |  |
| Chlorobenzene                                     | 8.54 |                                     | "    | 10.0 | ND    | 85.4 | 81-117                          |          | 1.97  | 30 |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71242 - EPA 5030B

|                                         |                                            |  |          |             |       |                                            |               |  |        |    |  |
|-----------------------------------------|--------------------------------------------|--|----------|-------------|-------|--------------------------------------------|---------------|--|--------|----|--|
| <b>Matrix Spike Dup (BI71242-MSD1)</b>  | <b>*Source sample: 17I0797-17 (MW-58A)</b> |  |          |             |       | <b>Prepared &amp; Analyzed: 09/27/2017</b> |               |  |        |    |  |
| Chloroethane                            | 8.04                                       |  | ug/L     | 10.0        | ND    | 80.4                                       | 51-145        |  | 1.38   | 30 |  |
| Chloroform                              | 8.59                                       |  | "        | 10.0        | ND    | 85.9                                       | 80-124        |  | 2.07   | 30 |  |
| Chloromethane                           | 6.03                                       |  | "        | 10.0        | ND    | 60.3                                       | 16-163        |  | 1.81   | 30 |  |
| cis-1,2-Dichloroethylene                | 8.48                                       |  | "        | 10.0        | ND    | 84.8                                       | 76-125        |  | 1.17   | 30 |  |
| cis-1,3-Dichloropropylene               | 8.37                                       |  | "        | 10.0        | ND    | 83.7                                       | 58-131        |  | 3.06   | 30 |  |
| Dibromochloromethane                    | 8.58                                       |  | "        | 10.0        | ND    | 85.8                                       | 71-129        |  | 2.87   | 30 |  |
| Dibromomethane                          | 8.79                                       |  | "        | 10.0        | ND    | 87.9                                       | 76-120        |  | 1.69   | 30 |  |
| Dichlorodifluoromethane                 | 3.76                                       |  | "        | 10.0        | ND    | 37.6                                       | 30-147        |  | 13.6   | 30 |  |
| Ethyl Benzene                           | 9.01                                       |  | "        | 10.0        | ND    | 90.1                                       | 72-128        |  | 2.20   | 30 |  |
| Hexachlorobutadiene                     | 6.29                                       |  | "        | 10.0        | ND    | 62.9                                       | 34-166        |  | 2.98   | 30 |  |
| Isopropylbenzene                        | 10.3                                       |  | "        | 10.0        | ND    | 103                                        | 66-139        |  | 0.0975 | 30 |  |
| Methyl tert-butyl ether (MTBE)          | 7.92                                       |  | "        | 10.0        | ND    | 79.2                                       | 75-128        |  | 3.11   | 30 |  |
| Methylene chloride                      | 7.42                                       |  | "        | 10.0        | ND    | 74.2                                       | 57-128        |  | 2.66   | 30 |  |
| Naphthalene                             | 9.69                                       |  | "        | 10.0        | ND    | 96.9                                       | 39-158        |  | 2.35   | 30 |  |
| n-Butylbenzene                          | 8.14                                       |  | "        | 10.0        | ND    | 81.4                                       | 61-138        |  | 0.123  | 30 |  |
| n-Propylbenzene                         | 9.91                                       |  | "        | 10.0        | ND    | 99.1                                       | 66-134        |  | 0.202  | 30 |  |
| o-Xylene                                | 8.65                                       |  | "        | 10.0        | ND    | 86.5                                       | 69-126        |  | 1.83   | 30 |  |
| p- & m- Xylenes                         | 18.6                                       |  | "        | 20.0        | ND    | 92.8                                       | 67-130        |  | 1.55   | 30 |  |
| p-Isopropyltoluene                      | 8.71                                       |  | "        | 10.0        | ND    | 87.1                                       | 64-137        |  | 0.00   | 30 |  |
| sec-Butylbenzene                        | 9.62                                       |  | "        | 10.0        | ND    | 96.2                                       | 53-155        |  | 0.940  | 30 |  |
| Styrene                                 | 8.23                                       |  | "        | 10.0        | ND    | 82.3                                       | 69-125        |  | 2.64   | 30 |  |
| tert-Butylbenzene                       | 9.73                                       |  | "        | 10.0        | ND    | 97.3                                       | 65-139        |  | 0.309  | 30 |  |
| Tetrachloroethylene                     | 7.62                                       |  | "        | 10.0        | 0.230 | 73.9                                       | 64-139        |  | 1.74   | 30 |  |
| Toluene                                 | 9.14                                       |  | "        | 10.0        | ND    | 91.4                                       | 76-123        |  | 1.63   | 30 |  |
| trans-1,2-Dichloroethylene              | 8.22                                       |  | "        | 10.0        | ND    | 82.2                                       | 79-131        |  | 1.69   | 30 |  |
| trans-1,3-Dichloropropylene             | 8.46                                       |  | "        | 10.0        | ND    | 84.6                                       | 55-130        |  | 3.37   | 30 |  |
| Trichloroethylene                       | 8.72                                       |  | "        | 10.0        | ND    | 87.2                                       | 53-145        |  | 1.14   | 30 |  |
| Trichlorofluoromethane                  | 7.52                                       |  | "        | 10.0        | ND    | 75.2                                       | 61-142        |  | 4.04   | 30 |  |
| Vinyl Chloride                          | 7.19                                       |  | "        | 10.0        | ND    | 71.9                                       | 31-165        |  | 1.26   | 30 |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>8.73</i>                                |  | <i>"</i> | <i>10.0</i> |       | <i>87.3</i>                                | <i>69-130</i> |  |        |    |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.4</i>                                |  | <i>"</i> | <i>10.0</i> |       | <i>104</i>                                 | <i>81-117</i> |  |        |    |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>11.3</i>                                |  | <i>"</i> | <i>10.0</i> |       | <i>113</i>                                 | <i>79-122</i> |  |        |    |  |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting | Units | Spike | Source* | %REC | %REC   | Flag | RPD | RPD   | Flag |
|---------------------------------------------------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
|                                                   |        | Limit     |       | Level | Result  |      | Limits |      |     | Limit |      |
| Batch BI71290 - EPA 5030B                         |        |           |       |       |         |      |        |      |     |       |      |
| Blank (BI71290-BLK1)                              |        |           |       |       |         |      |        |      |     |       |      |
| Prepared & Analyzed: 09/28/2017                   |        |           |       |       |         |      |        |      |     |       |      |
| 1,1,1,2-Tetrachloroethane                         | ND     | 0.50      | ug/L  |       |         |      |        |      |     |       |      |
| 1,1,1-Trichloroethane                             | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1,2,2-Tetrachloroethane                         | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1,2-Trichloroethane                             | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1-Dichloroethane                                | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1-Dichloroethylene                              | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,1-Dichloropropylene                             | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2,3-Trichlorobenzene                            | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2,3-Trichloropropane                            | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2,4-Trichlorobenzene                            | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2,4-Trimethylbenzene                            | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2-Dibromo-3-chloropropane                       | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2-Dibromoethane                                 | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2-Dichlorobenzene                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2-Dichloroethane                                | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,2-Dichloropropane                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,3,5-Trimethylbenzene                            | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,3-Dichlorobenzene                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,3-Dichloropropane                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 1,4-Dichlorobenzene                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 2,2-Dichloropropane                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 2-Chlorotoluene                                   | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 2-Hexanone                                        | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| 4-Chlorotoluene                                   | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Acetone                                           | ND     | 2.0       | "     |       |         |      |        |      |     |       |      |
| Benzene                                           | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Bromobenzene                                      | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Bromochloromethane                                | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Bromodichloromethane                              | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Bromoform                                         | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Bromomethane                                      | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Carbon tetrachloride                              | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Chlorobenzene                                     | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Chloroethane                                      | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Chloroform                                        | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Chloromethane                                     | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| cis-1,2-Dichloroethylene                          | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| cis-1,3-Dichloropropylene                         | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Dibromochloromethane                              | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Dibromomethane                                    | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Dichlorodifluoromethane                           | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Ethyl Benzene                                     | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Hexachlorobutadiene                               | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Isopropylbenzene                                  | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Methyl tert-butyl ether (MTBE)                    | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| Methylene chloride                                | ND     | 2.0       | "     |       |         |      |        |      |     |       |      |
| Naphthalene                                       | ND     | 2.0       | "     |       |         |      |        |      |     |       |      |
| n-Butylbenzene                                    | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| n-Propylbenzene                                   | ND     | 0.50      | "     |       |         |      |        |      |     |       |      |
| o-Xylene                                          | 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 BI71290 - EPA 5030B

##### Blank (BI71290-BLK1)

Prepared & Analyzed: 09/28/2017

|                                  |      |      |      |      |  |      |        |  |  |  |  |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|--|
| p- & m- Xylenes                  | ND   | 1.0  | ug/L |      |  |      |        |  |  |  |  |
| p-Isopropyltoluene               | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| sec-Butylbenzene                 | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Styrene                          | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| tert-Butylbenzene                | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Tetrachloroethylene              | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Toluene                          | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| trans-1,2-Dichloroethylene       | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| trans-1,3-Dichloropropylene      | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Trichloroethylene                | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Trichlorofluoromethane           | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Vinyl Chloride                   | ND   | 0.50 | "    |      |  |      |        |  |  |  |  |
| Xylenes, Total                   | ND   | 1.5  | "    |      |  |      |        |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 8.73 |      | "    | 10.0 |  | 87.3 | 69-130 |  |  |  |  |
| Surrogate: Toluene-d8            | 10.5 |      | "    | 10.0 |  | 105  | 81-117 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 12.1 |      | "    | 10.0 |  | 121  | 79-122 |  |  |  |  |

##### LCS (BI71290-BS1)

Prepared & Analyzed: 09/28/2017

|                                                   |      |  |      |      |  |      |        |  |  |  |  |
|---------------------------------------------------|------|--|------|------|--|------|--------|--|--|--|--|
| 1,1,1,2-Tetrachloroethane                         | 8.54 |  | ug/L | 10.0 |  | 85.4 | 82-126 |  |  |  |  |
| 1,1,1-Trichloroethane                             | 8.84 |  | "    | 10.0 |  | 88.4 | 78-136 |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | 10.0 |  | "    | 10.0 |  | 100  | 76-129 |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.20 |  | "    | 10.0 |  | 92.0 | 54-165 |  |  |  |  |
| 1,1,2-Trichloroethane                             | 9.24 |  | "    | 10.0 |  | 92.4 | 82-123 |  |  |  |  |
| 1,1-Dichloroethane                                | 9.11 |  | "    | 10.0 |  | 91.1 | 82-129 |  |  |  |  |
| 1,1-Dichloroethylene                              | 9.68 |  | "    | 10.0 |  | 96.8 | 68-138 |  |  |  |  |
| 1,1-Dichloropropylene                             | 9.03 |  | "    | 10.0 |  | 90.3 | 83-133 |  |  |  |  |
| 1,2,3-Trichlorobenzene                            | 9.57 |  | "    | 10.0 |  | 95.7 | 76-136 |  |  |  |  |
| 1,2,3-Trichloropropane                            | 10.1 |  | "    | 10.0 |  | 101  | 77-128 |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | 8.61 |  | "    | 10.0 |  | 86.1 | 76-137 |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | 10.9 |  | "    | 10.0 |  | 109  | 82-132 |  |  |  |  |
| 1,2-Dibromo-3-chloropropane                       | 10.3 |  | "    | 10.0 |  | 103  | 45-147 |  |  |  |  |
| 1,2-Dibromoethane                                 | 9.27 |  | "    | 10.0 |  | 92.7 | 83-124 |  |  |  |  |
| 1,2-Dichlorobenzene                               | 9.57 |  | "    | 10.0 |  | 95.7 | 79-123 |  |  |  |  |
| 1,2-Dichloroethane                                | 8.30 |  | "    | 10.0 |  | 83.0 | 73-132 |  |  |  |  |
| 1,2-Dichloropropane                               | 10.1 |  | "    | 10.0 |  | 101  | 78-126 |  |  |  |  |
| 1,3,5-Trimethylbenzene                            | 11.2 |  | "    | 10.0 |  | 112  | 80-131 |  |  |  |  |
| 1,3-Dichlorobenzene                               | 9.79 |  | "    | 10.0 |  | 97.9 | 86-122 |  |  |  |  |
| 1,3-Dichloropropane                               | 9.64 |  | "    | 10.0 |  | 96.4 | 81-125 |  |  |  |  |
| 1,4-Dichlorobenzene                               | 9.86 |  | "    | 10.0 |  | 98.6 | 85-124 |  |  |  |  |
| 2,2-Dichloropropane                               | 9.62 |  | "    | 10.0 |  | 96.2 | 56-150 |  |  |  |  |
| 2-Chlorotoluene                                   | 11.2 |  | "    | 10.0 |  | 112  | 79-130 |  |  |  |  |
| 2-Hexanone                                        | 9.59 |  | "    | 10.0 |  | 95.9 | 51-146 |  |  |  |  |
| 4-Chlorotoluene                                   | 11.2 |  | "    | 10.0 |  | 112  | 79-128 |  |  |  |  |
| Acetone                                           | 7.83 |  | "    | 10.0 |  | 78.3 | 14-150 |  |  |  |  |
| Benzene                                           | 9.39 |  | "    | 10.0 |  | 93.9 | 85-126 |  |  |  |  |
| Bromobenzene                                      | 10.9 |  | "    | 10.0 |  | 109  | 78-129 |  |  |  |  |
| Bromochloromethane                                | 9.90 |  | "    | 10.0 |  | 99.0 | 77-128 |  |  |  |  |
| Bromodichloromethane                              | 9.76 |  | "    | 10.0 |  | 97.6 | 79-128 |  |  |  |  |
| Bromoform                                         | 8.18 |  | "    | 10.0 |  | 81.8 | 78-133 |  |  |  |  |
| Bromomethane                                      | 7.60 |  | "    | 10.0 |  | 76.0 | 43-168 |  |  |  |  |
| Carbon tetrachloride                              | 8.57 |  | "    | 10.0 |  | 85.7 | 77-141 |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71290 - EPA 5030B

#### LCS (BI71290-BS1)

Prepared & Analyzed: 09/28/2017

|                                         |             |  |          |             |  |             |               |  |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|---------------|--|--|--|--|
| Chlorobenzene                           | 9.33        |  | ug/L     | 10.0        |  | 93.3        | 88-120        |  |  |  |  |
| Chloroethane                            | 9.53        |  | "        | 10.0        |  | 95.3        | 65-136        |  |  |  |  |
| Chloroform                              | 8.84        |  | "        | 10.0        |  | 88.4        | 82-128        |  |  |  |  |
| Chloromethane                           | 8.79        |  | "        | 10.0        |  | 87.9        | 43-155        |  |  |  |  |
| cis-1,2-Dichloroethylene                | 9.33        |  | "        | 10.0        |  | 93.3        | 83-129        |  |  |  |  |
| cis-1,3-Dichloropropylene               | 9.52        |  | "        | 10.0        |  | 95.2        | 80-131        |  |  |  |  |
| Dibromochloromethane                    | 9.04        |  | "        | 10.0        |  | 90.4        | 80-130        |  |  |  |  |
| Dibromomethane                          | 9.31        |  | "        | 10.0        |  | 93.1        | 72-134        |  |  |  |  |
| Dichlorodifluoromethane                 | 9.10        |  | "        | 10.0        |  | 91.0        | 44-144        |  |  |  |  |
| Ethyl Benzene                           | 10.2        |  | "        | 10.0        |  | 102         | 80-131        |  |  |  |  |
| Hexachlorobutadiene                     | 8.36        |  | "        | 10.0        |  | 83.6        | 67-146        |  |  |  |  |
| Isopropylbenzene                        | 11.9        |  | "        | 10.0        |  | 119         | 76-140        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 7.94        |  | "        | 10.0        |  | 79.4        | 76-135        |  |  |  |  |
| Methylene chloride                      | 8.36        |  | "        | 10.0        |  | 83.6        | 55-137        |  |  |  |  |
| Naphthalene                             | 9.26        |  | "        | 10.0        |  | 92.6        | 70-147        |  |  |  |  |
| n-Butylbenzene                          | 10.9        |  | "        | 10.0        |  | 109         | 79-132        |  |  |  |  |
| n-Propylbenzene                         | 12.1        |  | "        | 10.0        |  | 121         | 78-133        |  |  |  |  |
| o-Xylene                                | 9.53        |  | "        | 10.0        |  | 95.3        | 78-130        |  |  |  |  |
| p- & m- Xylenes                         | 21.2        |  | "        | 20.0        |  | 106         | 77-133        |  |  |  |  |
| p-Isopropyltoluene                      | 10.8        |  | "        | 10.0        |  | 108         | 81-136        |  |  |  |  |
| sec-Butylbenzene                        | 11.6        |  | "        | 10.0        |  | 116         | 79-137        |  |  |  |  |
| Styrene                                 | 9.05        |  | "        | 10.0        |  | 90.5        | 67-132        |  |  |  |  |
| tert-Butylbenzene                       | 11.0        |  | "        | 10.0        |  | 110         | 77-138        |  |  |  |  |
| Tetrachloroethylene                     | 8.88        |  | "        | 10.0        |  | 88.8        | 82-131        |  |  |  |  |
| Toluene                                 | 10.3        |  | "        | 10.0        |  | 103         | 80-127        |  |  |  |  |
| trans-1,2-Dichloroethylene              | 9.28        |  | "        | 10.0        |  | 92.8        | 80-132        |  |  |  |  |
| trans-1,3-Dichloropropylene             | 9.50        |  | "        | 10.0        |  | 95.0        | 78-131        |  |  |  |  |
| Trichloroethylene                       | 9.93        |  | "        | 10.0        |  | 99.3        | 82-128        |  |  |  |  |
| Trichlorofluoromethane                  | 9.40        |  | "        | 10.0        |  | 94.0        | 67-139        |  |  |  |  |
| Vinyl Chloride                          | 9.37        |  | "        | 10.0        |  | 93.7        | 58-145        |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>8.35</i> |  | <i>"</i> | <i>10.0</i> |  | <i>83.5</i> | <i>69-130</i> |  |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.9</i> |  | <i>"</i> | <i>10.0</i> |  | <i>109</i>  | <i>81-117</i> |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>11.7</i> |  | <i>"</i> | <i>10.0</i> |  | <i>117</i>  | <i>79-122</i> |  |  |  |  |



## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC                            | %REC Limits | Flag     | RPD   | RPD Limit | Flag |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|------|
| <b>Batch BI71290 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |           |      |
| <b>LCS Dup (BI71290-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 09/28/2017 |             |          |       |           |      |
| 1,1,1,2-Tetrachloroethane                         | 8.82   |                 | ug/L  | 10.0        |                | 88.2                            | 82-126      |          | 3.23  | 30        |      |
| 1,1,1-Trichloroethane                             | 9.03   |                 | "     | 10.0        |                | 90.3                            | 78-136      |          | 2.13  | 30        |      |
| 1,1,2,2-Tetrachloroethane                         | 10.5   |                 | "     | 10.0        |                | 105                             | 76-129      |          | 4.19  | 30        |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.42   |                 | "     | 10.0        |                | 94.2                            | 54-165      |          | 2.36  | 30        |      |
| 1,1,2-Trichloroethane                             | 9.71   |                 | "     | 10.0        |                | 97.1                            | 82-123      |          | 4.96  | 30        |      |
| 1,1-Dichloroethane                                | 9.35   |                 | "     | 10.0        |                | 93.5                            | 82-129      |          | 2.60  | 30        |      |
| 1,1-Dichloroethylene                              | 9.87   |                 | "     | 10.0        |                | 98.7                            | 68-138      |          | 1.94  | 30        |      |
| 1,1-Dichloropropylene                             | 9.30   |                 | "     | 10.0        |                | 93.0                            | 83-133      |          | 2.95  | 30        |      |
| 1,2,3-Trichlorobenzene                            | 11.0   |                 | "     | 10.0        |                | 110                             | 76-136      |          | 13.8  | 30        |      |
| 1,2,3-Trichloropropane                            | 10.6   |                 | "     | 10.0        |                | 106                             | 77-128      |          | 4.35  | 30        |      |
| 1,2,4-Trichlorobenzene                            | 10.0   |                 | "     | 10.0        |                | 100                             | 76-137      |          | 15.1  | 30        |      |
| 1,2,4-Trimethylbenzene                            | 10.5   |                 | "     | 10.0        |                | 105                             | 82-132      |          | 3.92  | 30        |      |
| 1,2-Dibromo-3-chloropropane                       | 10.9   |                 | "     | 10.0        |                | 109                             | 45-147      |          | 5.68  | 30        |      |
| 1,2-Dibromoethane                                 | 9.96   |                 | "     | 10.0        |                | 99.6                            | 83-124      |          | 7.18  | 30        |      |
| 1,2-Dichlorobenzene                               | 9.88   |                 | "     | 10.0        |                | 98.8                            | 79-123      |          | 3.19  | 30        |      |
| 1,2-Dichloroethane                                | 9.19   |                 | "     | 10.0        |                | 91.9                            | 73-132      |          | 10.2  | 30        |      |
| 1,2-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 78-126      |          | 1.09  | 30        |      |
| 1,3,5-Trimethylbenzene                            | 10.6   |                 | "     | 10.0        |                | 106                             | 80-131      |          | 6.06  | 30        |      |
| 1,3-Dichlorobenzene                               | 9.71   |                 | "     | 10.0        |                | 97.1                            | 86-122      |          | 0.821 | 30        |      |
| 1,3-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 81-125      |          | 5.55  | 30        |      |
| 1,4-Dichlorobenzene                               | 7.99   |                 | "     | 10.0        |                | 79.9                            | 85-124      | Low Bias | 21.0  | 30        |      |
| 2,2-Dichloropropane                               | 9.70   |                 | "     | 10.0        |                | 97.0                            | 56-150      |          | 0.828 | 30        |      |
| 2-Chlorotoluene                                   | 10.7   |                 | "     | 10.0        |                | 107                             | 79-130      |          | 4.47  | 30        |      |
| 2-Hexanone                                        | 10.7   |                 | "     | 10.0        |                | 107                             | 51-146      |          | 10.7  | 30        |      |
| 4-Chlorotoluene                                   | 10.7   |                 | "     | 10.0        |                | 107                             | 79-128      |          | 4.67  | 30        |      |
| Acetone                                           | 8.81   |                 | "     | 10.0        |                | 88.1                            | 14-150      |          | 11.8  | 30        |      |
| Benzene                                           | 9.68   |                 | "     | 10.0        |                | 96.8                            | 85-126      |          | 3.04  | 30        |      |
| Bromobenzene                                      | 10.8   |                 | "     | 10.0        |                | 108                             | 78-129      |          | 1.11  | 30        |      |
| Bromochloromethane                                | 10.7   |                 | "     | 10.0        |                | 107                             | 77-128      |          | 7.86  | 30        |      |
| Bromodichloromethane                              | 10.0   |                 | "     | 10.0        |                | 100                             | 79-128      |          | 2.73  | 30        |      |
| Bromoform                                         | 9.00   |                 | "     | 10.0        |                | 90.0                            | 78-133      |          | 9.55  | 30        |      |
| Bromomethane                                      | 7.85   |                 | "     | 10.0        |                | 78.5                            | 43-168      |          | 3.24  | 30        |      |
| Carbon tetrachloride                              | 8.81   |                 | "     | 10.0        |                | 88.1                            | 77-141      |          | 2.76  | 30        |      |
| Chlorobenzene                                     | 9.45   |                 | "     | 10.0        |                | 94.5                            | 88-120      |          | 1.28  | 30        |      |
| Chloroethane                                      | 9.65   |                 | "     | 10.0        |                | 96.5                            | 65-136      |          | 1.25  | 30        |      |
| Chloroform                                        | 9.53   |                 | "     | 10.0        |                | 95.3                            | 82-128      |          | 7.51  | 30        |      |
| Chloromethane                                     | 8.93   |                 | "     | 10.0        |                | 89.3                            | 43-155      |          | 1.58  | 30        |      |
| cis-1,2-Dichloroethylene                          | 9.80   |                 | "     | 10.0        |                | 98.0                            | 83-129      |          | 4.91  | 30        |      |
| cis-1,3-Dichloropropylene                         | 10.0   |                 | "     | 10.0        |                | 100                             | 80-131      |          | 5.22  | 30        |      |
| Dibromochloromethane                              | 9.56   |                 | "     | 10.0        |                | 95.6                            | 80-130      |          | 5.59  | 30        |      |
| Dibromomethane                                    | 9.93   |                 | "     | 10.0        |                | 99.3                            | 72-134      |          | 6.44  | 30        |      |
| Dichlorodifluoromethane                           | 9.26   |                 | "     | 10.0        |                | 92.6                            | 44-144      |          | 1.74  | 30        |      |
| Ethyl Benzene                                     | 9.98   |                 | "     | 10.0        |                | 99.8                            | 80-131      |          | 1.89  | 30        |      |
| Hexachlorobutadiene                               | 9.55   |                 | "     | 10.0        |                | 95.5                            | 67-146      |          | 13.3  | 30        |      |
| Isopropylbenzene                                  | 11.2   |                 | "     | 10.0        |                | 112                             | 76-140      |          | 6.08  | 30        |      |
| Methyl tert-butyl ether (MTBE)                    | 9.14   |                 | "     | 10.0        |                | 91.4                            | 76-135      |          | 14.1  | 30        |      |
| Methylene chloride                                | 8.92   |                 | "     | 10.0        |                | 89.2                            | 55-137      |          | 6.48  | 30        |      |
| Naphthalene                                       | 11.1   |                 | "     | 10.0        |                | 111                             | 70-147      |          | 18.2  | 30        |      |
| n-Butylbenzene                                    | 10.5   |                 | "     | 10.0        |                | 105                             | 79-132      |          | 3.18  | 30        |      |
| n-Propylbenzene                                   | 11.3   |                 | "     | 10.0        |                | 113                             | 78-133      |          | 6.57  | 30        |      |
| o-Xylene                                          | 9.55   |                 | "     | 10.0        |                | 95.5                            | 78-130      |          | 0.210 | 30        |      |





## Volatile Organic Compounds by GC/MS - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BI71290 - EPA 5030B

##### LCS Dup (BI71290-BSD1)

Prepared & Analyzed: 09/28/2017

|                                  |      |  |      |      |  |      |        |  |      |    |
|----------------------------------|------|--|------|------|--|------|--------|--|------|----|
| p- & m- Xylenes                  | 21.0 |  | ug/L | 20.0 |  | 105  | 77-133 |  | 1.14 | 30 |
| p-Isopropyltoluene               | 10.4 |  | "    | 10.0 |  | 104  | 81-136 |  | 4.26 | 30 |
| sec-Butylbenzene                 | 10.9 |  | "    | 10.0 |  | 109  | 79-137 |  | 5.68 | 30 |
| Styrene                          | 9.28 |  | "    | 10.0 |  | 92.8 | 67-132 |  | 2.51 | 30 |
| tert-Butylbenzene                | 10.5 |  | "    | 10.0 |  | 105  | 77-138 |  | 5.03 | 30 |
| Tetrachloroethylene              | 8.67 |  | "    | 10.0 |  | 86.7 | 82-131 |  | 2.39 | 30 |
| Toluene                          | 10.1 |  | "    | 10.0 |  | 101  | 80-127 |  | 1.87 | 30 |
| trans-1,2-Dichloroethylene       | 9.45 |  | "    | 10.0 |  | 94.5 | 80-132 |  | 1.82 | 30 |
| trans-1,3-Dichloropropylene      | 10.1 |  | "    | 10.0 |  | 101  | 78-131 |  | 5.92 | 30 |
| Trichloroethylene                | 9.56 |  | "    | 10.0 |  | 95.6 | 82-128 |  | 3.80 | 30 |
| Trichlorofluoromethane           | 9.59 |  | "    | 10.0 |  | 95.9 | 67-139 |  | 2.00 | 30 |
| Vinyl Chloride                   | 9.60 |  | "    | 10.0 |  | 96.0 | 58-145 |  | 2.42 | 30 |
| Surrogate: 1,2-Dichloroethane-d4 | 8.95 |  | "    | 10.0 |  | 89.5 | 69-130 |  |      |    |
| Surrogate: Toluene-d8            | 10.4 |  | "    | 10.0 |  | 104  | 81-117 |  |      |    |
| Surrogate: p-Bromofluorobenzene  | 11.2 |  | "    | 10.0 |  | 112  | 79-122 |  |      |    |



### Volatile Analysis Sample Containers

| Lab ID     | Client Sample ID | Volatile Sample Container                     |
|------------|------------------|-----------------------------------------------|
| 17I0797-01 | MW-98-01A        | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-02 | MW-98-04         | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-03 | MW-98-04B        | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-04 | MW-98-05AR       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-05 | MW-98-05BR       | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-06 | MW-45A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-07 | MW-45B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-08 | MW-28A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-09 | MW-28B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-10 | MW-44A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-11 | MW-44B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-12 | MW-44C           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-13 | MW-47A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-14 | MW-47B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-15 | N-32             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-16 | N-32B            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-17 | MW-58A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-18 | MW-58B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-19 | MW-59A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-20 | MW-59B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-21 | MW-42B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-22 | MW-43A           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-23 | MW-43B           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-24 | MW-43C           | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-25 | MW-53            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-26 | MW-54            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-27 | MW-B1            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-28 | MW-B4            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-29 | RW-3             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-30 | RW-4             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-31 | RW-6             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-32 | MW-A             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-33 | MW-B             | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-34 | FB-PS            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-35 | FB-LD            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-36 | TB-PS            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 17I0797-37 | TB-LD            | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |



## Sample and Data Qualifiers Relating to This Work Order

|       |                                                                                                                                                                                                                             |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QM-05 | The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable. |
| QL-02 | This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.                       |
| J     | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.                                                     |

## Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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

---

Revision Description: This report has been revised to correct VOC reporting.





YORK ANALYTICAL LABORATORIES  
120 RESEARCH DR.  
STRAFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.  
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

|                                                                                                                                                                                                                                         |  |                                                                                                                               |  |                                                                                                                                |  |                                                                                                 |  |                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>YOUR Information</b><br>Company: <u>LBG</u><br>Address: <u>4 Research Drive</u><br><u>Suite 204 Stratford CT</u><br>Phone No. <u>203 929-8555</u><br>Contact Person: <u>Tunde Samuel</u><br>E-Mail Address: <u>Tsamuel@lbgct.com</u> |  | <b>Report To:</b><br>Company: _____<br>Address: _____<br>Phone No. <u>5X 460</u><br>Attention: _____<br>E-Mail Address: _____ |  | <b>Invoice To:</b><br>Company: _____<br>Address: _____<br>Phone No. <u>5X 460</u><br>Attention: _____<br>E-Mail Address: _____ |  | <b>YOUR Project ID</b><br><u>Kraker</u><br><u>NABSA G</u><br><b>Purchase Order No.</b><br>_____ |  | <b>Turn-Around Time</b><br><input type="checkbox"/> RUSH - Same Day<br><input type="checkbox"/> RUSH - Next Day<br><input type="checkbox"/> RUSH - Two Day<br><input type="checkbox"/> RUSH - Three Day<br><input type="checkbox"/> RUSH - Four Day<br><b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/> |  | <b>Report Type</b><br><input checked="" type="checkbox"/> Summary Report<br><input type="checkbox"/> Summary w/ QA Summary<br><input type="checkbox"/> CT RCP Package<br><input type="checkbox"/> CTRCP DQA/DUE Pkg<br><input type="checkbox"/> NY ASP A Package<br><input checked="" type="checkbox"/> NY ASP B Package<br><input type="checkbox"/> NUDEP Red. Deliv.<br><u>Electronic Data Deliverables (EDD)</u><br><input type="checkbox"/> Simple Excel<br><input type="checkbox"/> NY/DEC EQuIS<br><input type="checkbox"/> EQuIS (std)<br><input type="checkbox"/> EZ-EDD (EQuIS)<br><input type="checkbox"/> NUDEP SRP HazSite EDD<br><input type="checkbox"/> GIS/KEY (std)<br><input type="checkbox"/> Other<br><input type="checkbox"/> York Regulatory Comparison<br><input type="checkbox"/> Excel Spreadsheet<br>Compare to the following Regs. (please fill in): _____ |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

Samples Collected/Authorized By (Signature)  
Patrick Spas  
Name (printed)  
Lauren Delapoy

| Sample Identification | Date/Time Sampled | Sample Matrix | Choose Analyses Needed from the Menu Above and Enter Below | Container Description(s) |
|-----------------------|-------------------|---------------|------------------------------------------------------------|--------------------------|
| MW-98-01A             | 9/18 1157         | GW            | 8260 VOCs + Freon 113                                      | 3x Voc                   |
| MW-98-04              | 9/19 1408         |               |                                                            | 9x Voc                   |
| MW-98-04B             | 9/19 1444         |               |                                                            | 3x Voc                   |
| MW-98-05AR            | 9/18 1236         |               |                                                            |                          |
| MW-98-05BR            | 9/18 1309         |               |                                                            |                          |
| MW-45A                | 9/20 1001         |               |                                                            |                          |
| MW-45B                | 9/20 1039         |               |                                                            |                          |
| MW-28A                | 9/19 1215         |               |                                                            |                          |
| MW-28B                | 9/19 1255         |               |                                                            |                          |
| MW-44A                | 9/19 1509         |               |                                                            |                          |

|                                                                                                                                                   |                                                                                                                                                                           |                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Preservation<br>Check those Applicable<br>Special Instructions<br><input type="checkbox"/> Field Filled<br><input type="checkbox"/> Lab to Filter | 4°C _____ Frozen _____<br>HCl _____ ZnAc _____<br>MeOH _____ Ascorbic Acid _____<br>HNO <sub>3</sub> _____ H <sub>2</sub> SO <sub>4</sub> _____ NaOH _____<br>Other _____ | Temperature on Receipt<br><u>3.1</u> °C |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|

Comments  
6 Additional Vocs provided for MS/MSD for samples MW-98-04 and MW-58A





YORK ANALYTICAL LABORATORIES  
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**YORK**  
ANALYTICAL LABORATORIES INC.

# Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 2 of 4

York Project No. 17D0797

|                                                                                                                                                                                                                        |  |                                                                                                                             |  |                                                                                                                              |  |                                                                                      |  |                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>YOUR Information</b><br>Company: <u>LBG</u><br>Address: <u>4 Research Dr. Shelton, CT 06484</u><br>Phone No. <u>203-989-8555</u><br>Contact Person: <u>Tonk Sander</u><br>E-Mail Address: <u>TSander@LBG-CT.com</u> |  | <b>Report To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____ |  | <b>Invoice To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____ |  | <b>YOUR Project ID</b><br><u>Kraft/ NABSAG</u><br><b>Purchase Order No.</b><br>_____ |  | <b>Turn-Around Time</b><br><input type="checkbox"/> RUSH - Same Day<br><input type="checkbox"/> RUSH - Next Day<br><input type="checkbox"/> RUSH - Two Day<br><input type="checkbox"/> RUSH - Three Day<br><input type="checkbox"/> RUSH - Four Day<br><b>Standard (5-7 Days)</b> <input checked="" type="checkbox"/> |  | <b>Report Type</b><br><input checked="" type="checkbox"/> Summary Report<br><input type="checkbox"/> Summary w/ QA Summary<br><input type="checkbox"/> CT RCP Package<br><input type="checkbox"/> CTRCP DQA/DUE Pkg<br><input type="checkbox"/> NY ASP A Package<br><input checked="" type="checkbox"/> NY ASP B Package<br><input type="checkbox"/> NJDEP Red. Deliv.<br><i>Electronic Data Deliverables (EDD)</i><br><input type="checkbox"/> Simple Excel<br><input type="checkbox"/> NYSEDEC EQuIS<br><input type="checkbox"/> EQuIS (std)<br><input type="checkbox"/> EZ-EDD (EQuIS)<br><input type="checkbox"/> NJDEP SRP HazSite EDD<br><input type="checkbox"/> GIS/KEY (std)<br><input type="checkbox"/> Other<br><input type="checkbox"/> York Regulatory Comparison<br><input type="checkbox"/> Excel Spreadsheet<br>Compare to the following Regs. (please fill in):<br>_____ |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

Samples Collected/Authorized By (Signature)  
Lauren DeHoyos  
 Name (printed)

| Sample Identification | Date/Time Sampled | Sample Matrix | Choose Analyses Needed from the Menu Above and Enter Below |  |  |  |  |  |  |  |  |  | Container Description(s) |
|-----------------------|-------------------|---------------|------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------|
| MW-44B                | 7/19/17 1436      | GW            | 8260 VOCs + Free 113                                       |  |  |  |  |  |  |  |  |  | 3x VOC                   |
| MW-44C                | 1359              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-47A                | 1057              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-47B                | 1012              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| N-32                  | 1102              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| N-32B                 | 1141              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-58A                | 1325              |               |                                                            |  |  |  |  |  |  |  |  |  | 9x VOC                   |
| MW-58B                | 1247              |               |                                                            |  |  |  |  |  |  |  |  |  | 3x VOC                   |
| MW-59A                | 1525              |               |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-59B                | 957               |               |                                                            |  |  |  |  |  |  |  |  |  |                          |

|                                                                                                                                                                        |                                                                                                                   |  |                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|
| 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO <sub>3</sub> _____ H <sub>2</sub> SO <sub>4</sub> _____ NaOH _____<br>_____ ZnAc _____ Ascorbic Acid _____ Other _____ | Samples Relinquished By <u>LBG</u> Date/Time <u>9/20/16 1628</u><br>Samples Relinquished By _____ Date/Time _____ |  | Samples Received By <u>LBG</u> Date/Time <u>9/20/16 1628</u><br>Samples Received in LAB by _____ Date/Time _____ |  |
|                                                                                                                                                                        | Special Instructions<br>Field Filtered <input type="checkbox"/><br>Lab to Filter <input type="checkbox"/>         |  | Temperature on Receipt <u>3.4</u> °C                                                                             |  |





YORK ANALYTICAL LABORATORIES  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

**YORK**  
ANALYTICAL LABORATORIES INC

# Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.  
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

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York Project No. 1710797

| YOUR INFORMATION                          |                             | Report To:                  |                             | Invoice To:                 |                             | YOUR PROJECT ID             |                             | Turn-Around Time            |                             | Report Type                 |                             |
|-------------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Company: <u>LBG</u>                       | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        | Company: <u>Same</u>        |
| Address: <u>4 Research Dr. Suite 204</u>  | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        | Address: <u>Same</u>        |
| Phone No. <u>203-929-8555</u>             | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       | Phone No. <u>Same</u>       |
| Contact Person: <u>Tunde Sander</u>       | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> | Contact Person: <u>Same</u> |
| E-Mail Address: <u>TSander@LBG-CT.com</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> | E-Mail Address: <u>Same</u> |

**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

Matrix Codes  
S - soil  
Other - specify (oil, etc.)  
WW - wastewater  
GW - groundwater  
DW - drinking water  
Air-A - ambient air  
Air-SV - soil vapor

Signature: Lauren Delloyes  
Name (printed): Lauren Delloyes  
Samples Collected/Authorized By (Signature): Lauren Delloyes  
Name (printed): Lauren Delloyes

| Sample Identification |              | Date/Time Sampled | Sample Matrix        | Choose Analyses Needed from the Menu Above and Enter Below |  |  |  |  |  |  |  |  |  | Container Description(s) |
|-----------------------|--------------|-------------------|----------------------|------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------|
| MW-42B                | 9/20/17 1019 | GW                | 8260 VOCs + Free 113 |                                                            |  |  |  |  |  |  |  |  |  | 3x Vials                 |
| MW-43A                | 9/18/17 1146 |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-43B                | 1233         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-43C                | 1324         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-53                 | 1438         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-54                 | 1539         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-B1                 | 1505         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| MW-B4                 | 1549         |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| RW-3                  | 9/20/17 910  |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |
| RW-4                  | 9/18/17 1659 |                   |                      |                                                            |  |  |  |  |  |  |  |  |  |                          |

Comments: 8260 VOCs + Free 113

Preservation: 4°C Frozen MeOH Ascorbic Acid HNO<sub>3</sub> H<sub>2</sub>SO<sub>4</sub> NaOH Other

Check those Applicable:  
Special Instructions:  
Field Filtered ☐  
Lab to Filter ☐

Samples Relinquished By: 9/20/17 1628 Date/Time: 9/20/17 1628  
Samples Relinquished By: 9/20/17 1628 Date/Time: 9/20/17 1628

Temperature on Receipt: 3.4 °C



# Field Chain-of-Custody Record

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

Page 4 of 4

York Project No. 1710797

| YOUR Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Report To:                              |  | Invoice To:           |  | YOUR Project ID     |  | Turn-Around Time                                        |  | Report Type                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|--|-----------------------|--|---------------------|--|---------------------------------------------------------|--|----------------------------------------------------|--|
| Company: <u>LBG</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Company: <u>Same</u>                    |  | Company: <u>Same</u>  |  | Kraft<br>NABSAG     |  | RUSH - Same Day <input type="checkbox"/>                |  | Summary Report <input checked="" type="checkbox"/> |  |
| Address: <u>4 Research Dr Suite 204</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Address: _____                          |  | Address: _____        |  |                     |  | RUSH - Next Day <input type="checkbox"/>                |  | Summary w/ QA Summary _____                        |  |
| Phone No. <u>Shelton CT 06484</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Phone No. _____                         |  | Phone No. _____       |  |                     |  | RUSH - Two Day <input type="checkbox"/>                 |  | CT RCP Package _____                               |  |
| Contact Person: <u>Tunde Sander</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Attention: _____                        |  | Attention: _____      |  |                     |  | RUSH - Three Day <input type="checkbox"/>               |  | CT RCP DOA/DUE Pkg _____                           |  |
| E-Mail Address: <u>TSander@LBGCT.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | E-Mail Address: _____                   |  | E-Mail Address: _____ |  |                     |  | RUSH - Four Day <input type="checkbox"/>                |  | NY ASP A Package _____                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                         |  |                       |  |                     |  | Standard (5-7 Days) <input checked="" type="checkbox"/> |  | NY ASP B Package _____                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                         |  |                       |  |                     |  |                                                         |  | NIDEP Red. Deliv. _____                            |  |
| <div style="display: flex; justify-content: space-between;"> <div> <p><b>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.</b></p> <p>Matrix Codes</p> <p>S - soil</p> <p>Other - specify (oil, etc.)</p> <p>WW - wastewater</p> <p>GW - groundwater</p> <p>DW - drinking water</p> <p>Air-A - ambient air</p> <p>Air-SV - soil vapor</p> </div> <div> <p><u>Lauren DeHoyos</u></p> <p>Samples Collected/Authorized By (Signature)</p> <p><u>Patrick Smith</u></p> <p>Name (printed)</p> </div> </div> |  |                                         |  |                       |  |                     |  |                                                         |  |                                                    |  |
| Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Preservation                            |  | 4°C _____             |  | Frozen _____        |  | HCl _____                                               |  | MeOH _____                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Check those Applicable                  |  | ZnAc _____            |  | Ascorbic Acid _____ |  | HNO <sub>3</sub> _____                                  |  | H <sub>2</sub> SO <sub>4</sub> _____               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Special Instructions                    |  | Date/Time             |  | Date/Time           |  | Date/Time                                               |  | Date/Time                                          |  |
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